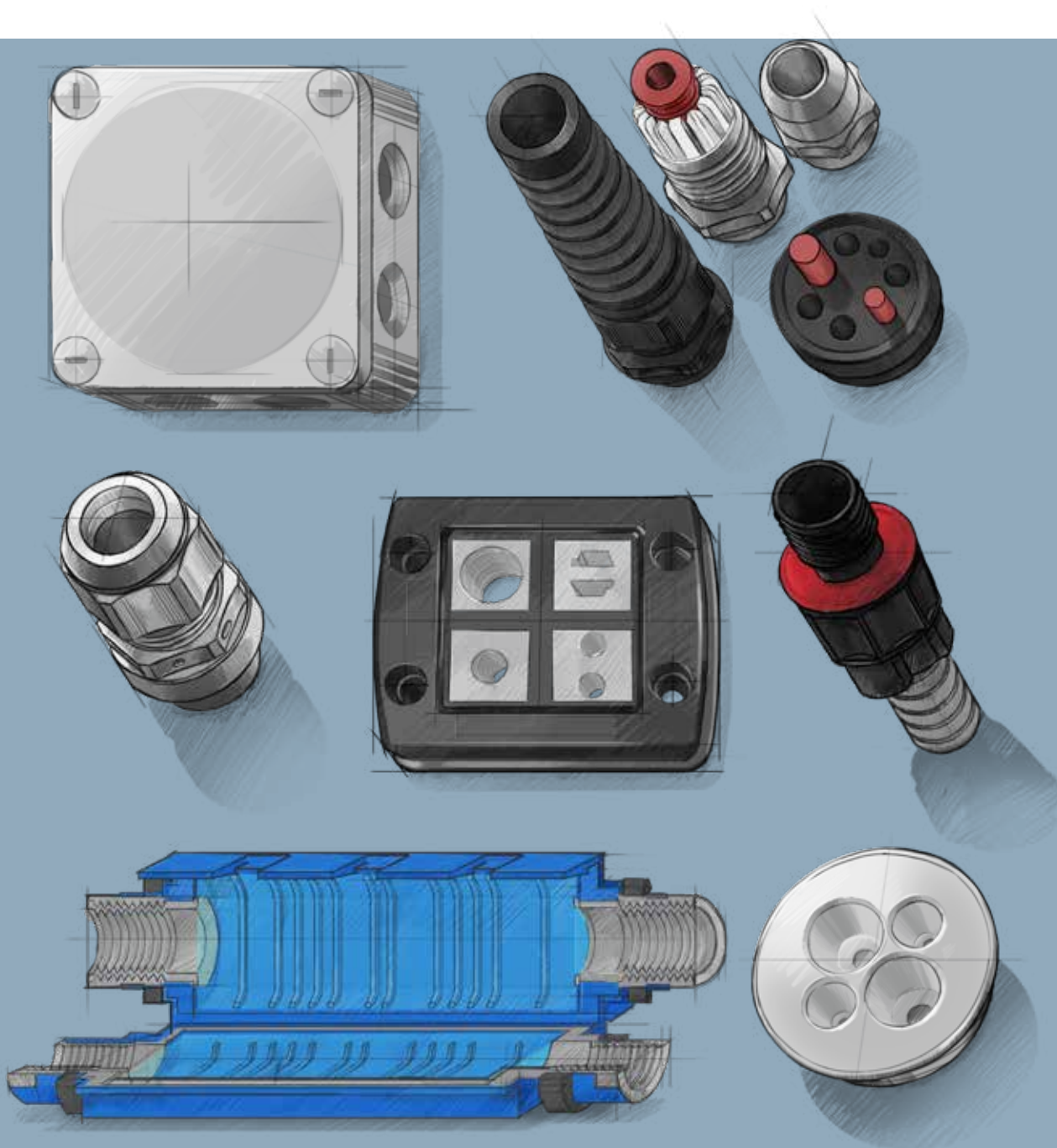


# Product Catalogue

WISKA UK Ltd

2021/22





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# About us...

## WISKA UK Ltd

Established in 2000, WISKA UK Ltd is the UK's market leader in the manufacture and supply of Junction Boxes, Cable Glands and Gel/ Gel Jointing products.

Our products are designed, developed and tested extensively, ensuring they meet the highest demands under the toughest of conditions. These tests are conducted by our team of highly skilled Designers and Engineers at our state of the art laboratory facilities in WISKA Germany.

These same exacting standards are applied to service at WISKA UK Ltd. With a wealth of product knowledge, our team can help support you in providing quality solutions for your business, project or requirement.

Award winning products and service from WISKA UK.

WISKA, make power smile.



## WISKA Essentials

Throughout this catalogue you will spot our WISKA Essential icon (*pictured right*).

This icon is to help you identify **essential products available from your local electrical wholesaler**. These "must have" products have been specifically selected as popular, best-selling products, ranges or lines. Our UK warehouse stocks all WISKA Essential products, ready to be sent out across the UK.



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**Brace System**

BRACE SYSTEM

JOINTS

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

JUNCTION BOXES

LIGHTING

TECHNICAL DATA



# IP68 FLEXIBLE CONDUIT FITTINGS - PLASTIC

## IP68 Flexible Conduit Fittings - Plastic

### BraceFITTING - Straight, EBFS

IP68, polyamide UL94-V0, gasket TPU, temperature range -40°C - 100°C, conduit fitting with integrated strain relief. UL94-V0.



BraceFITTING

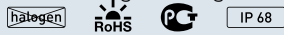


| Type       | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|------------|--------|----------|------|---------------------|-------|
| EBFS-07-12 |        | 10106861 | M12  | 7                   |       |
| EBFS-10-12 |        | 10106862 | M12  | 10                  |       |
| EBFS-10-16 |        | 10106863 | M16  | 10                  |       |
| EBFS-12-16 |        | 10106864 | M16  | 12                  |       |
| EBFS-12-20 |        | 10106865 | M20  | 12                  |       |
| EBFS-14-20 |        | 10106866 | M20  | 14                  |       |
| EBFS-17-20 |        | 10106867 | M20  | 17                  |       |
| EBFS-17-25 |        | 10106868 | M25  | 17                  |       |
| EBFS-23-25 |        | 10106869 | M25  | 23                  |       |
| EBFS-23-32 |        | 10106870 | M32  | 23                  |       |
| EBFS-29-32 |        | 10106871 | M32  | 29                  |       |
| EBFS-29-40 |        | 10106872 | M40  | 29                  |       |
| EBFS-36-40 |        | 10106873 | M40  | 36                  |       |
| EBFS-36-50 |        | 10106874 | M50  | 36                  |       |
| EBFS-48-50 |        | 10106875 | M50  | 48                  |       |
| EBFS-48-63 |        | 10106876 | M63  | 48                  |       |
| EBFS-07-12 |        | 10106844 | M12  | 7                   |       |
| EBFS-10-12 |        | 10106845 | M12  | 10                  |       |
| EBFS-10-16 |        | 10106846 | M16  | 10                  |       |
| EBFS-12-16 |        | 10106847 | M16  | 12                  |       |
| EBFS-12-20 |        | 10106848 | M20  | 12                  |       |
| EBFS-14-20 |        | 10106849 | M20  | 14                  |       |
| EBFS-17-20 |        | 10106850 | M20  | 17                  |       |
| EBFS-17-25 |        | 10106851 | M25  | 17                  |       |
| EBFS-23-25 |        | 10106852 | M25  | 23                  |       |
| EBFS-23-32 |        | 10106853 | M32  | 23                  |       |
| EBFS-29-32 |        | 10106854 | M32  | 29                  |       |
| EBFS-29-40 |        | 10106855 | M40  | 29                  |       |
| EBFS-36-40 |        | 10106856 | M40  | 36                  |       |
| EBFS-36-50 |        | 10106857 | M50  | 36                  |       |
| EBFS-48-50 |        | 10106858 | M50  | 48                  |       |
| EBFS-48-63 |        | 10106859 | M63  | 48                  |       |

## IP68 Flexible Conduit Fittings - Plastic

### BraceFITTING - Straight with Internal Thread, BFC

IP68, polyamide UL94-V0, gasket TPU, temperature range -40°C - 100°C, conduit fitting with integrated strain relief.



BraceFITTING Straight Connector

| Type      | Colour | Code     | Inner Diameter (mm) | Connection Thread (M) | Notes |
|-----------|--------|----------|---------------------|-----------------------|-------|
| BFC-10-10 |        | 10109740 | 10                  | 16                    |       |
| BFC-12-12 |        | 10109741 | 12                  | 20                    |       |
| BFC-17-17 |        | 10109742 | 17                  | 25                    |       |
| BFC-23-23 |        | 10109743 | 23                  | 32                    |       |
| BFC-29-29 |        | 10109744 | 29                  | 40                    |       |
| BFC-36-36 |        | 10109745 | 36                  | 50                    |       |
| BFC-48-48 |        | 10109746 | 48                  | 63                    |       |
| BFC-10-10 |        | 10109747 | 10                  | 16                    |       |
| BFC-12-12 |        | 10109748 | 12                  | 20                    |       |
| BFC-17-17 |        | 10109749 | 17                  | 25                    |       |

Continued...

| Type      | Colour | Code     | Inner Diameter (mm) | Connection Thread (M) | Notes |
|-----------|--------|----------|---------------------|-----------------------|-------|
| BFC-23-23 |        | 10109750 | 23                  | 32                    |       |
| BFC-29-29 |        | 10109751 | 29                  | 40                    |       |
| BFC-36-36 |        | 10109752 | 36                  | 50                    |       |
| BFC-48-48 |        | 10109753 | 48                  | 63                    |       |

## IP68 Flexible Conduit Fittings - Plastic

### BraceFITTING - 45° Angle, EBF45

IP66/68, polyamide UL94-V0, gasket TPU, temperature range -40°C - 100°C, conduit fitting with integrated strain relief.



BraceFITTING 45° Angle

| Type        | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| EBF45-07-12 |        | 10106956 | M12  | 7                   |       |
| EBF45-10-12 |        | 10108876 | M12  | 10                  |       |
| EBF45-10-16 |        | 10106957 | M16  | 10                  |       |
| EBF45-12-16 |        | 10106958 | M16  | 12                  |       |
| EBF45-12-20 |        | 10108877 | M20  | 12                  |       |
| EBF45-17-20 |        | 10106959 | M20  | 17                  |       |
| EBF45-17-25 |        | 10108878 | M25  | 17                  |       |
| EBF45-23-25 |        | 10106960 | M25  | 23                  |       |
| EBF45-23-32 |        | 10108879 | M32  | 23                  |       |
| EBF45-29-32 |        | 10106961 | M32  | 29                  |       |
| EBF45-29-40 |        | 10108880 | M40  | 29                  |       |
| EBF45-36-40 |        | 10106962 | M40  | 36                  |       |
| EBF45-36-50 |        | 10108881 | M50  | 36                  |       |
| EBF45-48-50 |        | 10106963 | M50  | 48                  |       |
| EBF45-48-63 |        | 10108883 | M63  | 48                  |       |
| EBF45-07-12 |        | 10106948 | M12  | 7                   |       |
| EBF45-10-12 |        | 10108870 | M12  | 10                  |       |
| EBF45-10-16 |        | 10106949 | M16  | 10                  |       |
| EBF45-12-16 |        | 10106950 | M16  | 12                  |       |
| EBF45-12-20 |        | 10108871 | M20  | 12                  |       |
| EBF45-17-20 |        | 10106951 | M20  | 17                  |       |
| EBF45-17-25 |        | 10108872 | M25  | 17                  |       |
| EBF45-23-25 |        | 10106952 | M25  | 23                  |       |
| EBF45-23-32 |        | 10108873 | M32  | 23                  |       |
| EBF45-29-32 |        | 10106953 | M32  | 29                  |       |
| EBF45-29-40 |        | 10108874 | M40  | 29                  |       |
| EBF45-36-40 |        | 10106954 | M40  | 36                  |       |
| EBF45-36-50 |        | 10108875 | M50  | 36                  |       |
| EBF45-48-50 |        | 10106955 | M50  | 48                  |       |
| EBF45-48-63 |        | 10108882 | M63  | 48                  |       |

**IP68 Flexible Conduit Fittings - Plastic  
BraceFITTING - 90° Angle, EBF90**

IP66/68, polyamide UL94-V0, gasket TPU, temperature range -40°C · 100°C, conduit fitting with integrated strain relief. UL94-V0



BraceFITTING 90° Angle

| Type        | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| EBF90-07-12 |        | 10106974 | M12  | 7                   |       |
| EBF90-10-12 |        | 10108891 | M12  | 10                  |       |
| EBF90-10-16 |        | 10106975 | M16  | 10                  |       |
| EBF90-12-16 |        | 10106976 | M16  | 12                  |       |
| EBF90-12-20 |        | 10108892 | M20  | 12                  |       |
| EBF90-17-20 |        | 10106977 | M20  | 17                  |       |
| EBF90-17-25 |        | 10108893 | M25  | 17                  |       |
| EBF90-23-25 |        | 10106978 | M25  | 23                  |       |
| EBF90-23-32 |        | 10108894 | M32  | 23                  |       |
| EBF90-29-32 |        | 10106979 | M32  | 29                  |       |
| EBF90-29-40 |        | 10108895 | M40  | 29                  |       |
| EBF90-36-40 |        | 10106980 | M40  | 36                  |       |
| EBF90-36-50 |        | 10108896 | M50  | 36                  |       |
| EBF90-48-50 |        | 10106981 | M50  | 48                  |       |
| EBF90-48-63 |        | 10108897 | M63  | 48                  |       |
| EBF90-07-12 |        | 10106966 | M12  | 7                   |       |
| EBF90-10-12 |        | 10108884 | M12  | 10                  |       |
| EBF90-10-16 |        | 10106967 | M16  | 10                  |       |
| EBF90-12-16 |        | 10106968 | M16  | 12                  |       |
| EBF90-12-20 |        | 10108885 | M20  | 12                  |       |
| EBF90-17-20 |        | 10106969 | M20  | 17                  |       |
| EBF90-17-25 |        | 10108886 | M25  | 17                  |       |
| EBF90-23-25 |        | 10106970 | M25  | 23                  |       |
| EBF90-23-32 |        | 10108887 | M32  | 23                  |       |
| EBF90-29-32 |        | 10106971 | M32  | 29                  |       |
| EBF90-29-40 |        | 10108888 | M40  | 29                  |       |
| EBF90-36-40 |        | 10106972 | M40  | 36                  |       |
| EBF90-36-50 |        | 10108889 | M50  | 36                  |       |
| EBF90-48-50 |        | 10106973 | M50  | 48                  |       |
| EBF90-48-63 |        | 10108890 | M63  | 48                  |       |

**IP68 FLEXIBLE CONDUIT FITTINGS  
- PLASTIC / BRASS**

**IP68 Flexible Conduit Fittings Plastic / Brass**

**BraceFITTING - Straight with metal connecting thread (swivel), EMBFS**  
IP66/68, polyamide conduit fitting UL94-V0 with integrated strain relief, temperature range -40°C · 100°C. Connection thread Brass nickel-plated, Gasket TPU



BraceFITTING with Swivel

| Type        | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| EMBFS-07-12 |        | 10106893 | M12  | 7                   |       |
| EMBFS-10-16 |        | 10106894 | M16  | 10                  |       |
| EMBFS-10-20 |        | 10106895 | M20  | 10                  |       |
| EMBFS-12-16 |        | 10106896 | M16  | 12                  |       |
| EMBFS-12-20 |        | 10106897 | M20  | 12                  |       |
| EMBFS-14-20 |        | 10106898 | M20  | 14                  |       |

Continued...

| Type        | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| EMBFS-17-20 |        | 10106899 | M20  | 17                  |       |
| EMBFS-17-25 |        | 10106900 | M25  | 17                  |       |
| EMBFS-23-25 |        | 10106901 | M25  | 23                  |       |
| EMBFS-23-32 |        | 10106902 | M32  | 23                  |       |
| EMBFS-29-32 |        | 10106903 | M32  | 29                  |       |
| EMBFS-29-40 |        | 10106904 | M40  | 29                  |       |
| EMBFS-36-40 |        | 10106905 | M40  | 36                  |       |
| EMBFS-36-50 |        | 10106906 | M50  | 36                  |       |
| EMBFS-48-50 |        | 10106907 | M50  | 48                  |       |
| EMBFS-48-63 |        | 10106908 | M63  | 48                  |       |
| EMBFS-07-12 |        | 10106877 | M12  | 7                   |       |
| EMBFS-10-16 |        | 10106878 | M16  | 10                  |       |
| EMBFS-10-20 |        | 10106879 | M20  | 10                  |       |
| EMBFS-12-16 |        | 10106880 | M16  | 12                  |       |
| EMBFS-12-20 |        | 10106881 | M20  | 12                  |       |
| EMBFS-14-20 |        | 10106882 | M20  | 14                  |       |
| EMBFS-17-20 |        | 10106883 | M20  | 17                  |       |
| EMBFS-17-25 |        | 10106884 | M25  | 17                  |       |
| EMBFS-23-25 |        | 10106885 | M25  | 23                  |       |
| EMBFS-23-32 |        | 10106886 | M32  | 23                  |       |
| EMBFS-29-32 |        | 10106887 | M32  | 29                  |       |
| EMBFS-29-40 |        | 10106888 | M40  | 29                  |       |
| EMBFS-36-40 |        | 10106889 | M40  | 36                  |       |
| EMBFS-36-50 |        | 10106890 | M50  | 36                  |       |
| EMBFS-48-50 |        | 10106891 | M50  | 48                  |       |
| EMBFS-48-63 |        | 10106892 | M63  | 48                  |       |

**IP68 Flexible Conduit Fittings Plastic / Brass  
BraceFITTING - with brass internal thread, EMBFSI**

IP66/68, polyamide UL94-V0 conduit fitting with integrated strain relief, temperature range -40 °C · 100 °C. Connection thread Brass nickel-plated, Gasket TPU



BraceFITTING with internal thread

| Type         | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| EMBFSI-10-16 |        | 10106922 | M16  | 10                  |       |
| EMBFSI-12-16 |        | 10106923 | M16  | 12                  |       |
| EMBFSI-12-20 |        | 10106924 | M20  | 12                  |       |
| EMBFSI-17-20 |        | 10106925 | M20  | 17                  |       |
| EMBFSI-23-25 |        | 10106926 | M25  | 23                  |       |
| EMBFSI-29-32 |        | 10106927 | M32  | 29                  |       |
| EMBFSI-36-40 |        | 10106928 | M40  | 36                  |       |
| EMBFSI-48-50 |        | 10106929 | M50  | 48                  |       |
| EMBFSI-10-16 |        | 10106914 | M16  | 10                  |       |
| EMBFSI-12-16 |        | 10106915 | M16  | 12                  |       |
| EMBFSI-12-20 |        | 10106916 | M20  | 12                  |       |
| EMBFSI-17-20 |        | 10106917 | M20  | 17                  |       |
| EMBFSI-23-25 |        | 10106918 | M25  | 23                  |       |
| EMBFSI-29-32 |        | 10106919 | M32  | 29                  |       |
| EMBFSI-36-40 |        | 10106920 | M40  | 36                  |       |
| EMBFSI-48-50 |        | 10106921 | M50  | 48                  |       |

**IP68 Flexible Conduit Fittings Plastic / Brass**

**BraceFITTING - 45° Angle with brass connector, EMBF45**

IP66/68, polyamide UL94-V0 conduit fitting with integrated strain relief, temperature range -40 °C · 100 °C. Connection thread Brass nickel-plated, Gasket TPU



BraceFITTING 45° Angle with brass connector

| Type         | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| EMBF45-07-12 |        | 10107318 | M12  | 7                   |       |
| EMBF45-10-12 |        | 10107319 | M12  | 10                  |       |
| EMBF45-10-16 |        | 10107320 | M16  | 10                  |       |
| EMBF45-12-16 |        | 10107321 | M16  | 12                  |       |
| EMBF45-12-20 |        | 10107322 | M20  | 12                  |       |
| EMBF45-17-20 |        | 10107323 | M20  | 17                  |       |
| EMBF45-17-25 |        | 10107324 | M25  | 17                  |       |
| EMBF45-23-25 |        | 10107325 | M25  | 23                  |       |
| EMBF45-23-32 |        | 10107326 | M32  | 23                  |       |
| EMBF45-29-32 |        | 10107327 | M32  | 29                  |       |
| EMBF45-29-40 |        | 10107328 | M40  | 29                  |       |
| EMBF45-36-40 |        | 10107329 | M40  | 36                  |       |
| EMBF45-36-50 |        | 10107330 | M50  | 36                  |       |
| EMBF45-48-50 |        | 10107331 | M50  | 48                  |       |
| EMBF45-48-63 |        | 10107332 | M63  | 48                  |       |
| EMBF45-07-12 |        | 10106982 | M12  | 7                   |       |
| EMBF45-10-12 |        | 10106983 | M12  | 10                  |       |
| EMBF45-10-16 |        | 10106984 | M16  | 10                  |       |
| EMBF45-12-16 |        | 10106985 | M16  | 12                  |       |
| EMBF45-12-20 |        | 10106986 | M20  | 12                  |       |
| EMBF45-17-20 |        | 10106987 | M20  | 17                  |       |
| EMBF45-17-25 |        | 10106988 | M25  | 17                  |       |
| EMBF45-23-25 |        | 10106989 | M25  | 23                  |       |
| EMBF45-23-32 |        | 10106990 | M32  | 23                  |       |
| EMBF45-29-32 |        | 10106991 | M32  | 29                  |       |
| EMBF45-29-40 |        | 10106992 | M40  | 29                  |       |
| EMBF45-36-40 |        | 10106993 | M40  | 36                  |       |
| EMBF45-36-50 |        | 10106994 | M50  | 36                  |       |
| EMBF45-48-50 |        | 10106995 | M50  | 48                  |       |
| EMBF45-48-63 |        | 10106996 | M63  | 48                  |       |

**IP68 Flexible Conduit Fittings Plastic / Brass**

**BraceFITTING - 45° Angle with brass internal thread, EMBF45I**

IP66/68, polyamide UL94-V0 conduit fitting with integrated strain relief, temperature range -40 °C · 100 °C. Connection thread Brass nickel-plated, Gasket TPU



BraceFITTING 45° Angle with brass internal thread

| Type          | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|---------------|--------|----------|------|---------------------|-------|
| EMBF45I-12-16 |        | 10107340 | M16  | 12                  |       |
| EMBF45I-12-20 |        | 10107341 | M20  | 12                  |       |
| EMBF45I-17-20 |        | 10107342 | M20  | 17                  |       |
| EMBF45I-23-25 |        | 10107343 | M25  | 23                  |       |
| EMBF45I-29-32 |        | 10107344 | M32  | 29                  |       |
| EMBF45I-36-40 |        | 10107345 | M40  | 36                  |       |
| EMBF45I-48-50 |        | 10107346 | M50  | 48                  |       |
| EMBF45I-12-16 |        | 10107333 | M16  | 12                  |       |
| EMBF45I-12-20 |        | 10107334 | M20  | 12                  |       |

Continued...

| Type          | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|---------------|--------|----------|------|---------------------|-------|
| EMBF45I-17-20 |        | 10107335 | M20  | 17                  |       |
| EMBF45I-23-25 |        | 10107336 | M25  | 23                  |       |
| EMBF45I-29-32 |        | 10107337 | M32  | 29                  |       |
| EMBF45I-36-40 |        | 10107338 | M40  | 36                  |       |
| EMBF45I-48-50 |        | 10107339 | M50  | 48                  |       |

**IP68 Flexible Conduit Fittings Plastic / Brass**

**BraceFITTING - 90° Angle with brass connector, EMBF90**

IP66/68, polyamide UL94-V0 conduit fitting with integrated strain relief, temperature range -40 °C · 100 °C. Connection thread Brass nickel-plated, Gasket TPU



BraceFITTING 90° Angle with brass connector

| Type         | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| EMBF90-07-12 |        | 10107013 | M12  | 7                   |       |
| EMBF90-10-12 |        | 10107014 | M12  | 10                  |       |
| EMBF90-10-16 |        | 10107015 | M16  | 10                  |       |
| EMBF90-12-16 |        | 10107016 | M16  | 12                  |       |
| EMBF90-12-20 |        | 10107017 | M20  | 12                  |       |
| EMBF90-17-20 |        | 10107018 | M20  | 17                  |       |
| EMBF90-17-25 |        | 10107019 | M25  | 17                  |       |
| EMBF90-23-25 |        | 10107020 | M25  | 23                  |       |
| EMBF90-23-32 |        | 10107021 | M32  | 23                  |       |
| EMBF90-29-32 |        | 10107022 | M32  | 29                  |       |
| EMBF90-29-40 |        | 10107023 | M40  | 29                  |       |
| EMBF90-36-40 |        | 10107024 | M40  | 36                  |       |
| EMBF90-36-50 |        | 10107025 | M50  | 36                  |       |
| EMBF90-48-50 |        | 10107026 | M50  | 48                  |       |
| EMBF90-48-63 |        | 10107027 | M63  | 48                  |       |
| EMBF90-07-12 |        | 10106998 | M12  | 7                   |       |
| EMBF90-10-12 |        | 10106999 | M12  | 10                  |       |
| EMBF90-10-16 |        | 10107000 | M16  | 10                  |       |
| EMBF90-12-16 |        | 10107001 | M16  | 12                  |       |
| EMBF90-12-20 |        | 10107002 | M20  | 12                  |       |
| EMBF90-17-20 |        | 10107003 | M20  | 17                  |       |
| EMBF90-17-25 |        | 10107004 | M25  | 17                  |       |
| EMBF90-23-25 |        | 10107005 | M25  | 23                  |       |
| EMBF90-23-32 |        | 10107006 | M32  | 23                  |       |
| EMBF90-29-32 |        | 10107007 | M32  | 29                  |       |
| EMBF90-29-40 |        | 10107008 | M40  | 29                  |       |
| EMBF90-36-40 |        | 10107009 | M40  | 36                  |       |
| EMBF90-36-50 |        | 10107010 | M50  | 36                  |       |
| EMBF90-48-50 |        | 10107011 | M50  | 48                  |       |
| EMBF90-48-63 |        | 10107012 | M63  | 48                  |       |

**IP68 Flexible Conduit Fittings Plastic / Brass**

**BraceFITTING - 90° Angle with brass internal thread, EMBF90I**

IP66/68, polyamide UL94-V0 conduit fitting with integrated strain relief, temperature range -40 °C · 100 °C. Connection thread Brass nickel-plated, Gasket TPU



BraceFITTING 90° Angle with brass internal thread

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BRACE SYSTEM

JOINTS

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CABLE ENTRIES

ENCLOSURES

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TECHNICAL DATA

| Type          | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|---------------|--------|----------|------|---------------------|-------|
| EMBF90I-10-16 |        | 10107363 | M16  | 10                  |       |
| EMBF90I-12-16 |        | 10107364 | M16  | 12                  |       |
| EMBF90I-12-20 |        | 10107365 | M20  | 12                  |       |
| EMBF90I-10-16 |        | 10107354 | M16  | 10                  |       |
| EMBF90I-17-20 |        | 10107366 | M20  | 17                  |       |
| EMBF90I-23-25 |        | 10107367 | M25  | 23                  |       |
| EMBF90I-29-32 |        | 10107368 | M32  | 29                  |       |
| EMBF90I-36-40 |        | 10107369 | M40  | 36                  |       |
| EMBF90I-48-50 |        | 10107370 | M50  | 48                  |       |
| EMBF90I-12-16 |        | 10107355 | M16  | 12                  |       |
| EMBF90I-12-20 |        | 10107356 | M20  | 12                  |       |
| EMBF90I-17-20 |        | 10107357 | M20  | 17                  |       |
| EMBF90I-23-25 |        | 10107359 | M25  | 23                  |       |
| EMBF90I-29-32 |        | 10107360 | M32  | 29                  |       |
| EMBF90I-36-40 |        | 10107361 | M40  | 36                  |       |
| EMBF90I-48-50 |        | 10107362 | M50  | 48                  |       |

**IP68 Flexible Conduit Fittings Plastic / Brass**  
**BraceFITTING -straight with brass cable gland, EMBFSCG**  
 IP66/68, polyamide UL94-V0 conduit fitting with integrated strain relief.  
 temperature range -40 °C - 100 °C. Connection thread Brass nickel-plated,  
 Gasket TPU



*BraceFITTING straight with brass cable gland*

| Type          | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|---------------|--------|----------|------|---------------------|-------|
| EMBFSCG-10-16 |        | 10107379 | M16  | 10                  |       |
| EMBFSCG-12-16 |        | 10107380 | M16  | 12                  |       |
| EMBFSCG-12-20 |        | 10107381 | M20  | 12                  |       |
| EMBFSCG-17-20 |        | 10107382 | M20  | 17                  |       |
| EMBFSCG-23-25 |        | 10107383 | M25  | 23                  |       |
| EMBFSCG-29-32 |        | 10107384 | M32  | 29                  |       |
| EMBFSCG-36-40 |        | 10107385 | M40  | 36                  |       |
| EMBFSCG-48-50 |        | 10107386 | M50  | 48                  |       |
| EMBFSCG-10-16 |        | 10107371 | M16  | 10                  |       |
| EMBFSCG-12-16 |        | 10107372 | M16  | 12                  |       |
| EMBFSCG-12-20 |        | 10107373 | M20  | 12                  |       |
| EMBFSCG-17-20 |        | 10107374 | M20  | 17                  |       |
| EMBFSCG-23-25 |        | 10107375 | M25  | 23                  |       |
| EMBFSCG-29-32 |        | 10107376 | M32  | 29                  |       |
| EMBFSCG-36-40 |        | 10107377 | M40  | 36                  |       |
| EMBFSCG-48-50 |        | 10107378 | M50  | 48                  |       |

**IP68 Flexible Conduit Fittings Plastic / Brass**  
**BraceFITTING - 45° Angle with brass cable gland, EMBF45CG**  
 IP66/68, polyamide UL94-V0 conduit fitting with integrated strain relief.  
 temperature range -40 °C - 100 °C. Connection thread Brass nickel-plated,  
 Gasket TPU



*BraceFITTING 45° Angle with brass cable gland*

| Type           | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMBF45CG-12-16 |        | 10107993 | M16  | 12                  |       |
| EMBF45CG-17-20 |        | 10107994 | M20  | 17                  |       |
| EMBF45CG-23-25 |        | 10107995 | M25  | 23                  |       |

Continued...

| Type           | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMBF45CG-29-32 |        | 10107996 | M32  | 29                  |       |
| EMBF45CG-36-40 |        | 10107997 | M40  | 36                  |       |
| EMBF45CG-48-50 |        | 10107998 | M50  | 48                  |       |
| EMBF45CG-12-16 |        | 10107987 | M16  | 12                  |       |
| EMBF45CG-17-20 |        | 10107988 | M20  | 17                  |       |
| EMBF45CG-23-25 |        | 10107989 | M25  | 23                  |       |
| EMBF45CG-29-32 |        | 10107990 | M32  | 29                  |       |
| EMBF45CG-36-40 |        | 10107991 | M40  | 36                  |       |
| EMBF45CG-48-50 |        | 10107992 | M50  | 48                  |       |

**IP68 Flexible Conduit Fittings Plastic / Brass**  
**BraceFITTING - 90° Angle with brass cable gland, EMBF45CG**  
 IP66/68, polyamide UL94-V0 conduit fitting with integrated strain relief.  
 temperature range -40 °C - 100 °C. Connection thread Brass nickel-plated,  
 Gasket TPU

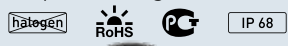


*BraceFITTING 90° Angle with brass cable gland*

| Type           | Colour | Code     | Size | Inner Diameter (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMBF90CG-10-16 |        | 10108006 | M16  | 10                  |       |
| EMBF90CG-12-16 |        | 10108007 | M16  | 12                  |       |
| EMBF90CG-17-20 |        | 10108008 | M20  | 17                  |       |
| EMBF90CG-23-25 |        | 10108009 | M25  | 23                  |       |
| EMBF90CG-29-32 |        | 10108010 | M32  | 29                  |       |
| EMBF90CG-36-40 |        | 10108011 | M40  | 36                  |       |
| EMBF90CG-48-50 |        | 10108012 | M50  | 48                  |       |
| EMBF90CG-10-16 |        | 10107999 | M16  | 10                  |       |
| EMBF90CG-12-16 |        | 10108000 | M16  | 12                  |       |
| EMBF90CG-17-20 |        | 10108001 | M20  | 17                  |       |
| EMBF90CG-23-25 |        | 10108002 | M25  | 23                  |       |
| EMBF90CG-29-32 |        | 10108003 | M32  | 29                  |       |
| EMBF90CG-36-40 |        | 10108004 | M40  | 36                  |       |
| EMBF90CG-48-50 |        | 10108005 | M50  | 48                  |       |

## IP68 FLEXIBLE CONDUIT FITTINGS - PLASTIC CONNECTORS

**IP68 Flexible Conduit Fittings - Plastic Connectors**  
**BraceFITTING - Adaptor-connector, BFC**  
 IP68, polyamide UL94-V0 conduit fitting with integrated strain relief.  
 temperature range -40 °C - 100 °C, Gasket TPU



*BraceFITTING Adaptor-connector*

| Type      | Colour | Code     | Inner Diameter (mm) | Notes |
|-----------|--------|----------|---------------------|-------|
| BFC-10-10 |        | 10109726 | 10                  |       |
| BFC-12-12 |        | 10109727 | 12                  |       |
| BFC-17-17 |        | 10109728 | 17                  |       |
| BFC-23-23 |        | 10109729 | 23                  |       |
| BFC-29-29 |        | 10109730 | 29                  |       |



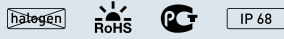
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| Type      | Colour | Code     | Inner Diameter (mm) | Notes |
|-----------|--------|----------|---------------------|-------|
| BFC-36-36 |        | 10109731 | 36                  |       |
| BFC-48-48 |        | 10109732 | 48                  |       |
| BFC-10-10 |        | 10109733 | 10                  |       |
| BFC-12-12 |        | 10109734 | 12                  |       |
| BFC-17-17 |        | 10109735 | 17                  |       |
| BFC-23-23 |        | 10109736 | 23                  |       |
| BFC-29-29 |        | 10109737 | 29                  |       |
| BFC-36-36 |        | 10109738 | 36                  |       |
| BFC-48-48 |        | 10109739 | 48                  |       |

**IP68 Flexible Conduit Fittings - Plastic Connectors**

**BraceFITTING - Y-connector, BFY**

IP68, polyamide UL94-V0 conduit fitting with integrated strain relief. temperature range -40 °C - 100 °C, Gasket TPU



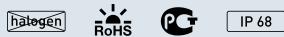
BraceFITTING Y-connector

| Type         | Colour | Code     | Inner Diameter 1 (mm) | Inner Diameter 2 (mm) | Notes |
|--------------|--------|----------|-----------------------|-----------------------|-------|
| BFY-17-10-10 |        | 10109754 | 17                    | 10                    |       |
| BFY-17-12-12 |        | 10109755 | 17                    | 12                    |       |
| BFY-23-17-17 |        | 10109756 | 23                    | 17                    |       |
| BFY-29-23-23 |        | 10109757 | 29                    | 23                    |       |
| BFY-36-29-29 |        | 10109758 | 36                    | 29                    |       |
| BFY-48-36-36 |        | 10109759 | 48                    | 36                    |       |
| BFY-17-10-10 |        | 10109760 | 17                    | 10                    |       |
| BFY-17-12-12 |        | 10109761 | 17                    | 12                    |       |
| BFY-23-17-17 |        | 10109762 | 23                    | 17                    |       |
| BFY-29-23-23 |        | 10109763 | 29                    | 23                    |       |
| BFY-36-29-29 |        | 10109764 | 36                    | 29                    |       |
| BFY-48-36-36 |        | 10109765 | 48                    | 36                    |       |

**IP68 Flexible Conduit Fittings - Plastic Connectors**

**BraceFITTING - T-connector, BFT**

IP68, polyamide UL94-V0 conduit fitting with integrated strain relief. temperature range -40 °C - 100 °C, Gasket TPU



BraceFITTING T-connector

| Type         | Colour | Code     | Inner Diameter (mm) | Notes |
|--------------|--------|----------|---------------------|-------|
| BFT-12-12-12 |        | 10109766 | 12                  |       |
| BFT-17-17-17 |        | 10109767 | 17                  |       |
| BFT-23-23-23 |        | 10109768 | 23                  |       |
| BFT-29-29-29 |        | 10109769 | 29                  |       |
| BFT-36-36-36 |        | 10109770 | 36                  |       |
| BFT-48-48-48 |        | 10109771 | 48                  |       |
| BFT-12-12-12 |        | 10109772 | 12                  |       |
| BFT-17-17-17 |        | 10109773 | 17                  |       |
| BFT-23-23-23 |        | 10109774 | 23                  |       |
| BFT-29-29-29 |        | 10109775 | 29                  |       |
| BFT-36-36-36 |        | 10109776 | 36                  |       |
| BFT-48-48-48 |        | 10109777 | 48                  |       |

## RIGID CONDUIT FITTINGS - PLASTIC

**Rigid Conduit Fittings - Plastic**

**KRASM - Threaded**

Polypropylene, temperature range -30 °C - 100 °C, thread length 7mm



KRASM



| Type       | Colour | Code     | Size | Clamping Range (mm) | Notes |
|------------|--------|----------|------|---------------------|-------|
| KRASM 20/7 |        | 10106052 | M20  | 5 - 13              |       |
| KRASM 20/7 |        | 10110808 | M20  | 5 - 13              |       |
| KRASM 20/7 |        | 10110809 | M20  | 5 - 13              |       |

**Rigid Conduit Fittings - Plastic**

**KRASS - TPush-in**

Polypropylene, temperature range -20 °C - 60 °C, thread length 7mm



KRASS

| Type         | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| KRASS 20/2.5 |        | 10105993 | M20  | 5 - 13              |       |

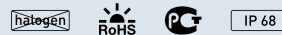
## IP68 FLEXIBLE CONDUIT KITS - PLASTIC

**IP68 Flexible Conduit Kits - Plastic**

**BraceCONTRACTOR Kits - BC Kit 1**

IP67/ IP68, Kit includes:

1m flexible conduit (BCAB-L 17), 2 x BraceFITTING M20 (EBFS 17-20), 1 x COMBI 206, 1 x M20 cable gland (ESKV 20+), 1 x M20 locknut (EMUG).



BC Kit 1

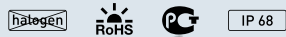


| Type     | Colour | Code     | Description                                                                                                                                | Notes |
|----------|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------|-------|
| BC Kit 1 |        | 10110226 | 1m flexible conduit (BCAB-L 17), 2 x BraceFITTING M20 (EBFS 17-20), 1 x COMBI 206, 1 x M20 cable gland (ESKV 20+), 1 x M20 locknut (EMUG). |       |
| BC Kit 1 |        | 10110933 | 1m flexible conduit (BCAB-L 17), 2 x BraceFITTING M20 (EBFS 17-20), 1 x COMBI 206, 1 x M20 cable gland (ESKV 20+), 1 x M20 locknut (EMUG). |       |

BRACE SYSTEM  
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**IP68 Flexible Conduit Kits - Plastic BraceCONTRACTOR Kits - BC Kit 2**

IP67 / IP67, Kit includes:  
10m flexible conduit (BCAB-L 17), 10 x BraceFITTING M20 (EBFS 17-20),  
2 x COMBI 407, 10 x M20 locknut (EMUG).

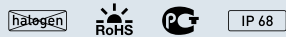


BC Kit 2

| Type     | Colour | Code     | Description                                                                                                   | Notes |
|----------|--------|----------|---------------------------------------------------------------------------------------------------------------|-------|
| BC Kit 2 |        | 10110231 | 10m flexible conduit (BCAB-L 17), 10 x BraceFITTING M20 (EBFS 17-20), 2 x COMBI 407, 10 x M20 locknut (EMUG). |       |

**IP68 Flexible Conduit Kits - Plastic BraceCONTRACTOR Kits - BC Kit 3**

IP67 / IP67, Kit includes:  
10m flexible conduit (BCAB-L 23), 10 x BraceFITTING M25 (EBFS 25),  
2 x COMBI 607, 10 x M25 locknut (EMUG).

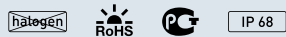


BC Kit 3

| Type     | Colour | Code     | Description                                                                                                | Notes |
|----------|--------|----------|------------------------------------------------------------------------------------------------------------|-------|
| BC Kit 3 |        | 10110317 | 10m flexible conduit (BCAB-L 23), 10 x BraceFITTING M25 (EBFS 25), 2 x COMBI 607, 10 x M25 locknut (EMUG). |       |

**IP68 Flexible Conduit Kits - Plastic BraceCONTRACTOR Kits - BC Kit 4**

IP67 / IP67, Kit includes:  
10m flexible conduit (BCAB-L 17), 10 x BraceFITTING M20 (EBFS 17-20),  
10 x M20 locknut (EMUG).

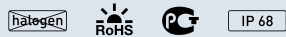


BC Kit 4

| Type     | Colour | Code     | Description                                                                                    | Notes |
|----------|--------|----------|------------------------------------------------------------------------------------------------|-------|
| BC Kit 4 |        | 10110230 | 10m flexible conduit (BCAB-L 17), 10 x BraceFITTING M20 (EBFS 17-20), 10 x M20 locknut (EMUG). |       |
| BC Kit 4 |        | 10110932 | 10m flexible conduit (BCAB-L 17), 10 x BraceFITTING M20 (EBFS 17-20), 10 x M20 locknut (EMUG). |       |

**IP68 Flexible Conduit Kits - Plastic BraceCONTRACTOR Kits - BC Kit 5**

IP67 / IP67, Kit includes:  
10m flexible conduit (BCAB-L 23), 10 x BraceFITTING M25 (EBFS 23-25),  
10 x M25 locknut (EMUG).



BC Kit 5

| Type     | Colour | Code     | Description                                                                                    | Notes |
|----------|--------|----------|------------------------------------------------------------------------------------------------|-------|
| BC Kit 5 |        | 10110316 | 10m flexible conduit (BCAB-L 23), 10 x BraceFITTING M25 (EBFS 23-25), 10 x M25 locknut (EMUG). |       |
| BC Kit 5 |        | 10110934 | 10m flexible conduit (BCAB-L 23), 10 x BraceFITTING M25 (EBFS 23-25), 10 x M25 locknut (EMUG). |       |

**IP68 Flexible Conduit Kits - Plastic BraceCONTRACTOR Kits - BC Kit 6**

IP67 / IP67, Kit includes:  
10m flexible conduit (BCAB-L 17), 10 x BraceFITTING M25 (EBFS 17-20),  
2 x COMBI 304, 10 x M25 locknut (EMUG).



BC Kit 6

| Type     | Colour | Code     | Description                                                                                                   | Notes |
|----------|--------|----------|---------------------------------------------------------------------------------------------------------------|-------|
| BC Kit 6 |        | 10110935 | 10m flexible conduit (BCAB-L 17), 10 x BraceFITTING M20 (EBFS 17-20), 2 x COMBI 304, 10 x M20 locknut (EMUG). |       |
| BC Kit 6 |        | 10110936 | 10m flexible conduit (BCAB-L 17), 10 x BraceFITTING M20 (EBFS 17-20), 2 x COMBI 304, 10 x M20 locknut (EMUG). |       |

**FLEXIBLE CONDUIT - PA6 PLASTIC**

**Flexible Conduit - PA6 Plastic BraceCONDUIT - BCA-S V0**

Polyamide PA6, UL94-V0, temperature range -40 °C · 140 °C



BCA-S



| Type     | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|----------|--------|----------|---------------------|---------------------|----------|-------|
| BCA-S-07 |        | 10109175 | 7                   | 10                  | 50       |       |
| BCA-S-10 |        | 10107072 | 10                  | 13                  | 50       |       |
| BCA-S-12 |        | 10107073 | 12                  | 15.7                | 50       |       |
| BCA-S-14 |        | 10107074 | 14                  | 18.5                | 50       |       |
| BCA-S-17 |        | 10107075 | 17                  | 21.2                | 50       |       |
| BCA-S-23 |        | 10107076 | 23                  | 28.3                | 50       |       |
| BCA-S-29 |        | 10107077 | 29                  | 34.5                | 25       |       |
| BCA-S-36 |        | 10107078 | 36                  | 42.2                | 25       |       |
| BCA-S-48 |        | 10109176 | 48                  | 54.5                | 25       |       |
| BCA-S-07 |        | 10109177 | 7                   | 10                  | 50       |       |
| BCA-S-10 |        | 10107079 | 10                  | 13                  | 50       |       |
| BCA-S-12 |        | 10107080 | 12                  | 15.7                | 50       |       |
| BCA-S-14 |        | 10107081 | 14                  | 18.5                | 50       |       |
| BCA-S-17 |        | 10107082 | 17                  | 21.2                | 50       |       |
| BCA-S-23 |        | 10107083 | 23                  | 28.3                | 50       |       |
| BCA-S-29 |        | 10107084 | 29                  | 34.5                | 25       |       |
| BCA-S-36 |        | 10107085 | 36                  | 42.2                | 25       |       |
| BCA-S-48 |        | 10109178 | 48                  | 54.5                | 25       |       |

**Flexible Conduit - PA6 Plastic BraceCONDUIT - Divided BCA-D V0**

Polyamide PA6, UL94-V0, temperature range -40 °C · 140 °C



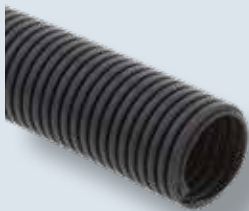
BCA-D Divided

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| Type     | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|----------|--------|----------|---------------------|---------------------|----------|-------|
| BCA-10-D |        | 10107120 | 10                  | 12.9                | 50       |       |
| BCA-12-D |        | 10107121 | 12                  | 15.8                | 50       |       |
| BCA-17-D |        | 10107122 | 17                  | 21                  | 50       |       |
| BCA-23-D |        | 10107123 | 23                  | 28.3                | 50       |       |
| BCA-29-D |        | 10107124 | 29                  | 34.5                | 25       |       |
| BCA-36-D |        | 10107125 | 36                  | 42.6                | 25       |       |
| BCA-48-D |        | 10107126 | 48                  | 54.4                | 25       |       |
| BCA-10-D |        | 10107127 | 10                  | 12.9                | 50       |       |
| BCA-12-D |        | 10107128 | 12                  | 15.8                | 50       |       |
| BCA-17-D |        | 10107129 | 17                  | 21                  | 50       |       |
| BCA-23-D |        | 10107130 | 23                  | 28.3                | 50       |       |
| BCA-29-D |        | 10107131 | 29                  | 34.5                | 25       |       |
| BCA-36-D |        | 10107132 | 36                  | 42.6                | 25       |       |
| BCA-48-D |        | 10107133 | 48                  | 54.4                | 25       |       |

**Flexible Conduit - PA6 Plastic  
BraceCONDUIT - BCAV-S V2**

Polyamide PA6, UL94-V2, temperature range -40 °C · 125 °C



BCAV-S V2

| Type      | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|-----------|--------|----------|---------------------|---------------------|----------|-------|
| BCAV-S-07 |        | 10107086 | 7                   | 10                  | 50       |       |
| BCAV-S-10 |        | 10107087 | 10                  | 13                  | 50       |       |
| BCAV-S-12 |        | 10107088 | 12                  | 15.7                | 50       |       |
| BCAV-S-14 |        | 10107089 | 14                  | 18.5                | 50       |       |
| BCAV-S-17 |        | 10107090 | 17                  | 21.2                | 50       |       |
| BCAV-S-23 |        | 10107091 | 23                  | 28.3                | 50       |       |
| BCAV-S-29 |        | 10107092 | 29                  | 34.5                | 25       |       |
| BCAV-S-36 |        | 10107093 | 36                  | 42.4                | 25       |       |
| BCAV-S-48 |        | 10107094 | 48                  | 54.5                | 25       |       |
| BCAV-S-07 |        | 10107095 | 7                   | 10                  | 50       |       |
| BCAV-S-10 |        | 10107096 | 10                  | 13                  | 50       |       |
| BCAV-S-12 |        | 10107097 | 12                  | 15.7                | 50       |       |
| BCAV-S-14 |        | 10107098 | 14                  | 18.5                | 50       |       |
| BCAV-S-17 |        | 10107099 | 17                  | 21.2                | 50       |       |
| BCAV-S-23 |        | 10107100 | 23                  | 28.3                | 50       |       |
| BCAV-S-29 |        | 10107101 | 29                  | 34.5                | 25       |       |
| BCAV-S-36 |        | 10107102 | 36                  | 42.4                | 25       |       |
| BCAV-S-48 |        | 10107103 | 48                  | 54.5                | 25       |       |

**Flexible Conduit - PA6 Plastic  
BraceCONDUIT - Heavy, BCAV-H V2**

Polyamide PA6, UL94-V2, temperature range -40 °C · 125 °C



BCAV-H Heavy

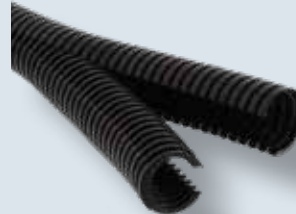
| Type      | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|-----------|--------|----------|---------------------|---------------------|----------|-------|
| BCAV-H-07 |        | 10109199 | 7                   | 10                  | 50       |       |
| BCAV-H-10 |        | 10109200 | 10                  | 13                  | 50       |       |
| BCAV-H-12 |        | 10109201 | 12                  | 15.8                | 50       |       |
| BCAV-H-17 |        | 10109202 | 17                  | 21                  | 50       |       |
| BCAV-H-23 |        | 10109203 | 23                  | 28.5                | 50       |       |
| BCAV-H-29 |        | 10109204 | 29                  | 34.5                | 50       |       |

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| Type      | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|-----------|--------|----------|---------------------|---------------------|----------|-------|
| BCAV-H-36 |        | 10109205 | 36                  | 42.5                | 25       |       |
| BCAV-H-48 |        | 10109206 | 48                  | 54.5                | 25       |       |
| BCAV-H-07 |        | 10109207 | 7                   | 10                  | 50       |       |
| BCAV-H-10 |        | 10109208 | 10                  | 13                  | 50       |       |
| BCAV-H-12 |        | 10109209 | 12                  | 15.8                | 50       |       |
| BCAV-H-17 |        | 10109210 | 17                  | 21                  | 50       |       |
| BCAV-H-23 |        | 10109211 | 23                  | 28.5                | 50       |       |
| BCAV-H-29 |        | 10109212 | 29                  | 34.5                | 50       |       |
| BCAV-H-36 |        | 10109213 | 36                  | 42.5                | 25       |       |
| BCAV-H-48 |        | 10109214 | 48                  | 54.5                | 25       |       |

**Flexible Conduit - PA6 Plastic  
BraceCONDUIT - Devided, BCAV-D V2**

Polyamide PA6, UL94-V2, temperature range -40 °C · 125 °C



BCAV-D Divided V2

| Type      | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|-----------|--------|----------|---------------------|---------------------|----------|-------|
| BCAV-10-D |        | 10107134 | 10                  | 12.9                | 50       |       |
| BCAV-12-D |        | 10107135 | 12                  | 15.8                | 50       |       |
| BCAV-17-D |        | 10107136 | 17                  | 21                  | 50       |       |
| BCAV-23-D |        | 10107137 | 23                  | 28.3                | 50       |       |
| BCAV-29-D |        | 10107138 | 29                  | 34.5                | 25       |       |
| BCAV-36-D |        | 10107139 | 36                  | 42.6                | 25       |       |
| BCAV-48-D |        | 10107140 | 48                  | 54.4                | 25       |       |
| BCAV-10-D |        | 10107141 | 10                  | 12.9                | 50       |       |
| BCAV-12-D |        | 10107142 | 12                  | 15.8                | 50       |       |
| BCAV-17-D |        | 10107143 | 17                  | 21                  | 50       |       |
| BCAV-23-D |        | 10107144 | 23                  | 28.3                | 50       |       |
| BCAV-29-D |        | 10107145 | 29                  | 34.5                | 25       |       |
| BCAV-36-D |        | 10107146 | 36                  | 42.6                | 25       |       |
| BCAV-48-D |        | 10107147 | 48                  | 54.4                | 25       |       |

**Flexible Conduit - PA6 Plastic  
BraceCONDUIT - Light, BCAB-L HB**

Polyamide PA6, UL94-HB, temperature range -40 °C · 140 °C



BCAB-L Light V2



| Type      | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|-----------|--------|----------|---------------------|---------------------|----------|-------|
| BCAB-L-07 |        | 10109181 | 7                   | 10                  | 50       |       |
| BCAB-L-10 |        | 10109182 | 10                  | 13                  | 50       |       |
| BCAB-L-12 |        | 10109183 | 12                  | 15.7                | 50       |       |
| BCAB-L-14 |        | 10109184 | 14                  | 18.5                | 50       |       |
| BCAB-L-17 |        | 10109185 | 17                  | 21.2                | 50       |       |
| BCAB-L-23 |        | 10109186 | 23                  | 28.3                | 50       |       |
| BCAB-L-29 |        | 10109187 | 29                  | 34.5                | 25       |       |
| BCAB-L-36 |        | 10109188 | 36                  | 42.4                | 25       |       |
| BCAB-L-48 |        | 10109189 | 48                  | 54.5                | 25       |       |
| BCAB-L-07 |        | 10109190 | 7                   | 10                  | 50       |       |
| BCAB-L-10 |        | 10109191 | 10                  | 13                  | 50       |       |
| BCAB-L-12 |        | 10109192 | 12                  | 15.7                | 50       |       |
| BCAB-L-14 |        | 10109193 | 14                  | 18.5                | 50       |       |

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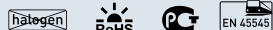
| Type      | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|-----------|--------|----------|---------------------|---------------------|----------|-------|
| BCAB-L-17 |        | 10109194 | 17                  | 21.2                | 50       |       |
| BCAB-L-23 |        | 10109195 | 23                  | 28.3                | 50       |       |
| BCAB-L-29 |        | 10109196 | 29                  | 34.5                | 25       |       |
| BCAB-L-36 |        | 10109197 | 36                  | 42.4                | 25       |       |
| BCAB-L-48 |        | 10109198 | 48                  | 54.5                | 25       |       |

## FLEXIBLE CONDUIT - PA12 PLASTIC

### Flexible Conduit - PA12 Plastic

#### BraceCONDUIT - BCI-S V1

Polyamide PA12, UL94-V1, temperature range -50 °C · 110 °C



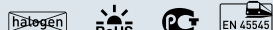
BCI-S V1

| Type     | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|----------|--------|----------|---------------------|---------------------|----------|-------|
| BCI-S-07 |        | 10109948 | 7                   | 10                  | 50       |       |
| BCI-S-10 |        | 10109949 | 10                  | 13                  | 50       |       |
| BCI-S-12 |        | 10109950 | 12                  | 15.8                | 50       |       |
| BCI-S-17 |        | 10109951 | 17                  | 21                  | 50       |       |
| BCI-S-23 |        | 10109952 | 23                  | 28.5                | 50       |       |
| BCI-S-29 |        | 10109953 | 29                  | 34.5                | 25       |       |
| BCI-S-36 |        | 10109954 | 36                  | 42.3                | 25       |       |
| BCI-S-48 |        | 10109955 | 48                  | 54.2                | 25       |       |

### Flexible Conduit - PA12 Plastic

#### BraceCONDUIT - Heavy, wide profile BCI-H-W V1

Polyamide PA12, UL94-V1, temperature range -50 °C · 110 °C



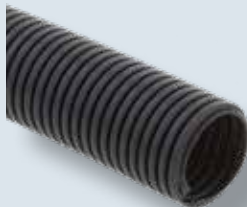
BCI-H-W V1

| Type       | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|------------|--------|----------|---------------------|---------------------|----------|-------|
| BCI-H-07-W |        | 10109964 | 7                   | 10                  | 50       |       |
| BCI-H-10-W |        | 10109965 | 10                  | 13                  | 50       |       |
| BCI-H-12-W |        | 10109966 | 12                  | 15.8                | 50       |       |
| BCI-H-14-W |        | 10110210 | 14                  | 18.5                | 50       |       |
| BCI-H-17-W |        | 10109967 | 17                  | 21                  | 50       |       |
| BCI-H-23-W |        | 10109968 | 23                  | 28.5                | 50       |       |
| BCI-H-29-W |        | 10109969 | 29                  | 34.5                | 25       |       |
| BCI-H-36-W |        | 10109970 | 36                  | 42.2                | 25       |       |
| BCI-H-48-W |        | 10109971 | 48                  | 54.5                | 25       |       |

### Flexible Conduit - PA12 Plastic

#### BraceCONDUIT - BCIV-S V1

Polyamide PA12, UL94-V2, temperature range -40 °C · 110 °C



BCIV-S V1

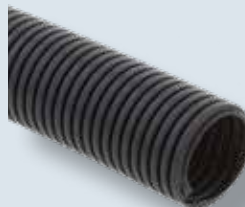
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| Type      | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|-----------|--------|----------|---------------------|---------------------|----------|-------|
| BCIV-S-07 |        | 10109179 | 7                   | 10                  | 50       |       |
| BCIV-S-10 |        | 10107104 | 10                  | 13                  | 50       |       |
| BCIV-S-12 |        | 10107105 | 12                  | 15.8                | 50       |       |
| BCIV-S-14 |        | 10107106 | 14                  | 18.5                | 50       |       |
| BCIV-S-17 |        | 10107107 | 17                  | 21                  | 50       |       |
| BCIV-S-23 |        | 10107108 | 23                  | 28.5                | 50       |       |
| BCIV-S-29 |        | 10107109 | 29                  | 34.5                | 25       |       |
| BCIV-S-36 |        | 10107110 | 36                  | 42.3                | 25       |       |
| BCIV-S-48 |        | 10107111 | 48                  | 54.2                | 25       |       |
| BCIV-S-07 |        | 10109180 | 7                   | 10                  | 50       |       |
| BCIV-S-10 |        | 10107112 | 10                  | 13                  | 50       |       |
| BCIV-S-12 |        | 10107113 | 12                  | 15.8                | 50       |       |
| BCIV-S-14 |        | 10107114 | 14                  | 18.5                | 50       |       |
| BCIV-S-17 |        | 10107115 | 17                  | 21                  | 50       |       |
| BCIV-S-23 |        | 10107116 | 23                  | 28.5                | 50       |       |
| BCIV-S-29 |        | 10107117 | 29                  | 34.5                | 25       |       |
| BCIV-S-36 |        | 10107118 | 36                  | 42.3                | 25       |       |
| BCIV-S-48 |        | 10107119 | 48                  | 54.2                | 25       |       |

### Flexible Conduit - PA12 Plastic

#### BraceCONDUIT - Heavy, BCIB-H HB

Polyamide PA12, UL94-HB, temperature range -40 °C · 120 °C



BCIB-H

| Type      | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|-----------|--------|----------|---------------------|---------------------|----------|-------|
| BCIB-H-07 |        | 10109220 | 7                   | 10                  | 50       |       |
| BCIB-H-10 |        | 10109221 | 10                  | 13                  | 50       |       |
| BCIB-H-12 |        | 10109222 | 12                  | 15.8                | 50       |       |
| BCIB-H-14 |        | 10109223 | 14                  | 18.5                | 50       |       |
| BCIB-H-17 |        | 10109224 | 17                  | 21                  | 50       |       |
| BCIB-H-23 |        | 10109225 | 23                  | 28.5                | 50       |       |
| BCIB-H-29 |        | 10109226 | 29                  | 34.5                | 25       |       |
| BCIB-H-36 |        | 10109227 | 36                  | 42.5                | 25       |       |
| BCIB-H-48 |        | 10109228 | 48                  | 54.5                | 25       |       |
| BCIB-H-07 |        | 10109229 | 7                   | 10                  | 50       |       |
| BCIB-H-10 |        | 10109230 | 10                  | 13                  | 50       |       |
| BCIB-H-12 |        | 10109231 | 12                  | 15.8                | 50       |       |
| BCIB-H-14 |        | 10109232 | 14                  | 18.5                | 50       |       |
| BCIB-H-17 |        | 10109233 | 17                  | 21                  | 50       |       |
| BCIB-H-23 |        | 10109234 | 23                  | 28.5                | 50       |       |
| BCIB-H-29 |        | 10109235 | 29                  | 34.5                | 25       |       |
| BCIB-H-36 |        | 10109236 | 36                  | 42.5                | 25       |       |
| BCIB-H-48 |        | 10109237 | 48                  | 54.5                | 25       |       |

## FLEXIBLE CONDUIT CLIP - PLASTIC

### Flexible Conduit Clip - Plastic

#### BraceCONDUIT - BCC

Polyamide PA12, UL94-V0, temperature range -40 °C · 100 °C



BCC



| Type   | Colour | Code     | Inner Diameter (mm) | Notes |
|--------|--------|----------|---------------------|-------|
| BCC-07 |        | 10106939 | 7                   |       |



Continued...

| Type   | Colour | Code     | Inner Diameter (mm) | Notes |
|--------|--------|----------|---------------------|-------|
| BCC-10 |        | 10106940 | 10                  |       |
| BCC-12 |        | 10106941 | 12                  |       |
| BCC-14 |        | 10106942 | 14                  |       |
| BCC-17 |        | 10106943 | 17                  |       |
| BCC-23 |        | 10106944 | 23                  |       |
| BCC-29 |        | 10106945 | 29                  |       |
| BCC-36 |        | 10106946 | 36                  |       |
| BCC-48 |        | 10106947 | 48                  |       |
| BCC-07 |        | 10106930 | 7                   |       |
| BCC-10 |        | 10106931 | 10                  |       |
| BCC-12 |        | 10106932 | 12                  |       |
| BCC-14 |        | 10106933 | 14                  |       |
| BCC-17 |        | 10106934 | 17                  |       |
| BCC-23 |        | 10106935 | 23                  |       |
| BCC-29 |        | 10106936 | 29                  |       |
| BCC-36 |        | 10106937 | 36                  |       |
| BCC-48 |        | 10106938 | 48                  |       |

**Flexible Conduit Clip - Plastic**  
**BraceCONDUIT - BCC, Pack of 10**

Polyamide PA12, UL94-V0, temperature range -40 °C - 100 °C



BCC

| Type   | Colour | Code         | Inner Diameter (mm) | Pack Qty | Notes |
|--------|--------|--------------|---------------------|----------|-------|
| BCC-17 |        | PACK/CP17-20 | 17                  | 10       |       |
| BCC-23 |        | PACK/CP23-25 | 23                  | 10       |       |

## FLEXIBLE CONDUIT FITTINGS - METAL

**Flexible Conduit Fittings - Metal**  
**BraceFITTING - Brass for Corrugated conduits, EMBMFS-C**

IP67 Brass nickel plated gland, temperature range -45°C · 145 °C, Gasket PA.



EMBMFS-C

| Type           | Colour | Code     | Size | Inner Diameter | Notes |
|----------------|--------|----------|------|----------------|-------|
| EMBMFS-C-10-16 | Metal  | 10109090 | M16  | 10             |       |
| EMBMFS-C-12-16 | Metal  | 10109092 | M16  | 12             |       |
| EMBMFS-C-16-20 | Metal  | 10109098 | M20  | 16             |       |
| EMBMFS-C-21-25 | Metal  | 10109104 | M25  | 21             |       |
| EMBMFS-C-27-32 | Metal  | 10109108 | M32  | 27             |       |
| EMBMFS-C-35-40 | Metal  | 10109112 | M40  | 35             |       |
| EMBMFS-C-40-50 | Metal  | 10109116 | M50  | 40             |       |
| EMBMFS-C-50-63 | Metal  | 10109120 | M63  | 50             |       |

**Flexible Conduit Fittings - Metal**

**BraceFITTING - Brass for Smooth conduits, EMBMFS-S**

IP67 Brass nickel plated gland, temperature range -45°C - 145 °C, Gasket PA.



EMBMFS-S

| Type           | Colour | Code     | Size | Inner Diameter | Notes |
|----------------|--------|----------|------|----------------|-------|
| EMBMFS-S-10-16 | Metal  | 10109089 | M16  | 10             |       |
| EMBMFS-S-12-16 | Metal  | 10109091 | M16  | 12             |       |
| EMBMFS-S-16-20 | Metal  | 10109097 | M20  | 16             |       |
| EMBMFS-S-21-25 | Metal  | 10109103 | M25  | 21             |       |
| EMBMFS-S-27-32 | Metal  | 10109107 | M32  | 27             |       |
| EMBMFS-S-35-40 | Metal  | 10109111 | M40  | 35             |       |
| EMBMFS-S-40-50 | Metal  | 10109115 | M50  | 40             |       |
| EMBMFS-S-50-63 | Metal  | 10109119 | M63  | 50             |       |

## FLEXIBLE CONDUIT - METAL

**Flexible Conduit - Metal**

**BraceCONDUIT - PVC coated, corrugated, BMCG-PVC-C**

Galvanized steel, tube cover PVC, surface corrugated, temperature range -15°C - 70°C



BMCG-PVC-C

| Type          | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|---------------|--------|----------|---------------------|---------------------|----------|-------|
| BMCG-PVC-C-10 |        | 10109007 | 10                  | 13.5                | 50       |       |
| BMCG-PVC-C-12 |        | 10109008 | 12                  | 15.7                | 50       |       |
| BMCG-PVC-C-16 |        | 10109009 | 16                  | 19.5                | 50       |       |
| BMCG-PVC-C-21 |        | 10109010 | 21                  | 24.7                | 50       |       |
| BMCG-PVC-C-27 |        | 10109011 | 27                  | 31.7                | 50       |       |
| BMCG-PVC-C-35 |        | 10109012 | 35                  | 40                  | 50       |       |
| BMCG-PVC-C-40 |        | 10109013 | 40                  | 45                  | 25       |       |
| BMCG-PVC-C-50 |        | 10109014 | 50                  | 56                  | 25       |       |
| BMCG-PVC-C-10 |        | 10109015 | 10                  | 13.5                | 50       |       |
| BMCG-PVC-C-12 |        | 10109016 | 12                  | 15.7                | 50       |       |
| BMCG-PVC-C-16 |        | 10109017 | 16                  | 19.5                | 50       |       |
| BMCG-PVC-C-21 |        | 10109018 | 21                  | 24.7                | 50       |       |
| BMCG-PVC-C-27 |        | 10109019 | 27                  | 31.7                | 50       |       |
| BMCG-PVC-C-35 |        | 10109020 | 35                  | 40                  | 50       |       |
| BMCG-PVC-C-40 |        | 10109021 | 40                  | 45                  | 25       |       |
| BMCG-PVC-C-50 |        | 10109022 | 50                  | 56                  | 25       |       |

BRACE SYSTEM  
JOINTS  
CABLE GLANDS  
CABLE ENTRIES  
ENCLOSURES  
JUNCTION BOXES  
LIGHTING  
TECHNICAL DATA

**Flexible Conduit - Metal**

**BraceCONDUIT - PVC coated, smooth, BMCG-PVC-S**

Galvanized steel, tube cover PVC, surface smooth, temperature range -15°C - 80°C.



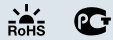
BMCG-PVC-S.

| Type          | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|---------------|--------|----------|---------------------|---------------------|----------|-------|
| BMCG-PVC-S-10 |        | 10109023 | 10                  | 15.5                | 50       |       |
| BMCG-PVC-S-12 |        | 10109024 | 12                  | 18                  | 50       |       |
| BMCG-PVC-S-16 |        | 10109025 | 16                  | 21.5                | 50       |       |
| BMCG-PVC-S-21 |        | 10109026 | 21                  | 27                  | 50       |       |
| BMCG-PVC-S-27 |        | 10109027 | 27                  | 33                  | 50       |       |
| BMCG-PVC-S-35 |        | 10109028 | 35                  | 43                  | 50       |       |
| BMCG-PVC-S-40 |        | 10109029 | 40                  | 48                  | 25       |       |
| BMCG-PVC-S-50 |        | 10109030 | 50                  | 56                  | 25       |       |
| BMCG-PVC-S-10 |        | 10109031 | 10                  | 15.5                | 50       |       |
| BMCG-PVC-S-12 |        | 10109032 | 12                  | 18                  | 50       |       |
| BMCG-PVC-S-16 |        | 10109033 | 16                  | 21.5                | 50       |       |
| BMCG-PVC-S-21 |        | 10109034 | 21                  | 27                  | 50       |       |
| BMCG-PVC-S-27 |        | 10109035 | 27                  | 33                  | 50       |       |
| BMCG-PVC-S-35 |        | 10109036 | 35                  | 43                  | 50       |       |
| BMCG-PVC-S-40 |        | 10109037 | 40                  | 48                  | 25       |       |
| BMCG-PVC-S-50 |        | 10109038 | 50                  | 56                  | 25       |       |

**Flexible Conduit - Metal**

**BraceCONDUIT - PVC coated, smooth, greater temp range BMCG-PVC-S-GT**

Galvanized steel, tube cover PVC, surface smooth, temperature range -40 °C - 105 °C



BMCG-PVC-S-GT

| Type             | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|------------------|--------|----------|---------------------|---------------------|----------|-------|
| BMCG-PVC-S-10-GT |        | 10109039 | 10                  | 15.5                | 30       |       |
| BMCG-PVC-S-12-GT |        | 10109040 | 12                  | 18                  | 30       |       |
| BMCG-PVC-S-16-GT |        | 10109041 | 16                  | 21.5                | 30       |       |
| BMCG-PVC-S-21-GT |        | 10109042 | 21                  | 27                  | 30       |       |
| BMCG-PVC-S-27-GT |        | 10109043 | 27                  | 33                  | 30       |       |
| BMCG-PVC-S-35-GT |        | 10109044 | 35                  | 43                  | 30       |       |
| BMCG-PVC-S-40-GT |        | 10109045 | 40                  | 48                  | 25       |       |
| BMCG-PVC-S-50-GT |        | 10109046 | 50                  | 56                  | 25       |       |
| BMCG-PVC-S-10-GT |        | 10109047 | 10                  | 15.5                | 30       |       |
| BMCG-PVC-S-12-GT |        | 10109048 | 12                  | 18                  | 30       |       |
| BMCG-PVC-S-16-GT |        | 10109049 | 16                  | 21.5                | 30       |       |
| BMCG-PVC-S-21-GT |        | 10109050 | 21                  | 27                  | 30       |       |
| BMCG-PVC-S-27-GT |        | 10109051 | 27                  | 33                  | 30       |       |
| BMCG-PVC-S-35-GT |        | 10109052 | 35                  | 43                  | 30       |       |
| BMCG-PVC-S-40-GT |        | 10109053 | 40                  | 48                  | 25       |       |
| BMCG-PVC-S-50-GT |        | 10109054 | 50                  | 56                  | 25       |       |

**Flexible Conduit - Metal**

**BraceCONDUIT - PU coated, corrugated, BMCG-PU-C**

Galvanized steel, tube cover PU, surface corrugated, temperature range -45°C - 120°C



BMCG-PU-C

| Type         | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|--------------|--------|----------|---------------------|---------------------|----------|-------|
| BMCG-PU-C-10 |        | 10109055 | 10                  | 13.5                | 30       |       |
| BMCG-PU-C-12 |        | 10109056 | 12                  | 15.7                | 30       |       |
| BMCG-PU-C-16 |        | 10109057 | 16                  | 19.5                | 30       |       |
| BMCG-PU-C-21 |        | 10109058 | 21                  | 24.7                | 30       |       |
| BMCG-PU-C-27 |        | 10109059 | 27                  | 31.7                | 30       |       |
| BMCG-PU-C-35 |        | 10109060 | 35                  | 40                  | 30       |       |
| BMCG-PU-C-40 |        | 10109061 | 40                  | 45                  | 25       |       |
| BMCG-PU-C-50 |        | 10109062 | 50                  | 56                  | 25       |       |
| BMCG-PU-C-10 |        | 10109063 | 10                  | 13.5                | 30       |       |
| BMCG-PU-C-12 |        | 10109064 | 12                  | 15.7                | 30       |       |
| BMCG-PU-C-16 |        | 10109065 | 16                  | 19.5                | 30       |       |
| BMCG-PU-C-21 |        | 10109066 | 21                  | 24.7                | 30       |       |
| BMCG-PU-C-27 |        | 10109067 | 27                  | 31.7                | 30       |       |
| BMCG-PU-C-35 |        | 10109068 | 35                  | 40                  | 30       |       |
| BMCG-PU-C-40 |        | 10109069 | 40                  | 45                  | 25       |       |
| BMCG-PU-C-50 |        | 10109070 | 50                  | 56                  | 25       |       |
| BMCG-PU-C-10 |        | 10109071 | 10                  | 13.5                | 30       |       |
| BMCG-PU-C-12 |        | 10109072 | 12                  | 15.7                | 30       |       |
| BMCG-PU-C-16 |        | 10109073 | 16                  | 19.5                | 30       |       |
| BMCG-PU-C-21 |        | 10109074 | 21                  | 24.7                | 30       |       |
| BMCG-PU-C-27 |        | 10109075 | 27                  | 31.7                | 30       |       |
| BMCG-PU-C-35 |        | 10109076 | 35                  | 40                  | 30       |       |
| BMCG-PU-C-40 |        | 10109077 | 40                  | 45                  | 25       |       |
| BMCG-PU-C-50 |        | 10109078 | 50                  | 56                  | 25       |       |

**Flexible Conduit - Metal**

**BraceCONDUIT - PVC coated, steel wire over-braid BMCG-PVC-C-BG**

Galvanized steel, tube cover PVC, surface corrugated, temperature range -15°C - 70°C



BMCG-PVC-C-BG

| Type             | Colour | Code     | Inner Diameter (mm) | Outer Diameter (mm) | Size (m) | Notes |
|------------------|--------|----------|---------------------|---------------------|----------|-------|
| BMCG-PVC-C-BG-10 | Metal  | 10109079 | 10                  | 15                  | 30       |       |
| BMCG-PVC-C-BG-12 | Metal  | 10109080 | 12                  | 17.5                | 30       |       |
| BMCG-PVC-C-BG-16 | Metal  | 10109081 | 16                  | 21                  | 30       |       |
| BMCG-PVC-C-BG-21 | Metal  | 10109082 | 21                  | 26.5                | 30       |       |
| BMCG-PVC-C-BG-27 | Metal  | 10109083 | 27                  | 32.5                | 30       |       |
| BMCG-PVC-C-BG-35 | Metal  | 10109084 | 35                  | 42.5                | 30       |       |
| BMCG-PVC-C-BG-40 | Metal  | 10109085 | 40                  | 47.5                | 25       |       |
| BMCG-PVC-C-BG-50 | Metal  | 10109086 | 50                  | 59                  | 25       |       |

# FLEXIBLE CONDUIT CLIP - METAL

## Flexible Conduit Clip - Metal Brace CONDUIT Clip - Clip, BMCC

Galvanized steel brackets with polychloroprene,  
temperature range -40°C - 100°C



BMCC

| Type       | Colour | Code     | Inner Diameter (mm) | Notes |
|------------|--------|----------|---------------------|-------|
| BMCC-13-17 |        | 10109251 | 13 - 17             |       |
| BMCC-17-21 |        | 10109252 | 17 - 21             |       |
| BMCC-21-26 |        | 10109253 | 21 - 26             |       |
| BMCC-28-34 |        | 10109254 | 28 - 34             |       |
| BMCC-37-44 |        | 10109255 | 37 - 44             |       |
| BMCC-48-55 |        | 10109256 | 48 - 55             |       |

BRACE SYSTEM

JOINTS

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

JUNCTION BOXES

LIGHTING

TECHNICAL DATA







**Joints**

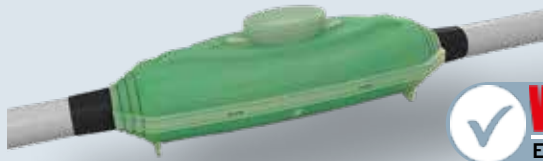




# RESIN JOINTS

## Resin Joints Straight Joint Kits

Epoxy resin, expiry date 3 years, mixing ratio 1:1, Voltage 0.3-1 kV.  
Mixing time: 5 mins (approx) / Curing time: 30 mins (approx).  
Kit includes: 1 x transparent shell, earthing braid, spring coil, phase separator, 1 x two-component resin bag, gloves, tape and insulated connector (connector where stated).

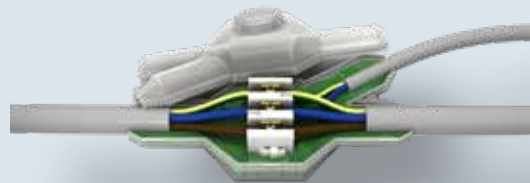


Size 1

| Type   | Colour | Code  | Size (mm) | Connector  | Cores | Cable Diameter (mm) | Min Cross Section (mm) | Max Cross Section (mm) | Notes |
|--------|--------|-------|-----------|------------|-------|---------------------|------------------------|------------------------|-------|
| Size 0 |        | WSJA0 | 190 x 45  | 4 x crimp  | 4     | 8 - 26              | 1.5                    | 6                      |       |
| Size 1 |        | WSJA1 | 190 x 51  | 1 x 5 pole | 5     | 7 - 30              | 1.5                    | 10                     |       |
| Size 2 |        | WSJA2 | 240 x 62  | 1 x 5 pole | 5     | 8 - 35              | 4                      | 25                     |       |
| Size 3 |        | WSJA3 | 357 x 62  | 4 x crimp  | 4     | 23 - 35             |                        | 35                     |       |
| Size 3 |        | WSJA4 | 357 x 62  | 4 x crimp  | 4     | 23 - 35             |                        | 50                     |       |
| Size 4 |        | WSJA5 | 520 x 100 | No         | 4     | 33 - 55             | 35                     | 150                    |       |
| Size 5 |        | WSJA6 | 670 x 120 | No         | 4     | 45 - 73             | 120                    | 300                    |       |
| Size 6 |        | WSJA7 | 870 x 200 | No         | 4     | 55 - 80             | 185                    | 400                    |       |

## Resin Joints Y Branch Kits with Terminal

Epoxy resin, expiry date 3 years, mixing ratio 1:1, Voltage 0.3-1 kV.  
Mixing time: 5 mins (approx) / Curing time: 30 mins (approx).  
Kit includes: 1 x transparent Y shell, pre-assembled 5 pole insulated terminal block, allen key, tape and 1 x two-component resin bag.

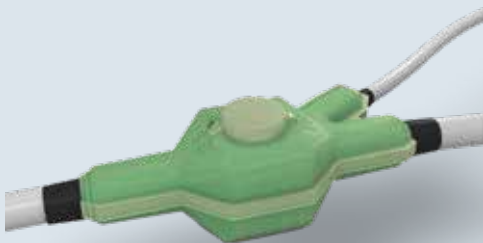


Size 1

| Type   | Colour | Code  | Size (mm)      | Cores | Cable Diameter (mm) | Min Conductor Cross Section (mm) |              | Max Conductor Cross Section (mm) |              | Notes |
|--------|--------|-------|----------------|-------|---------------------|----------------------------------|--------------|----------------------------------|--------------|-------|
|        |        |       |                |       |                     | Main Cable                       | Branch Cable | Main Cable                       | Branch Cable |       |
| Size 1 |        | SK131 | 200 x 94 x 55  | 5     | 7 - 23              | 4                                | 2.5          | 6                                | 6            |       |
| Size 2 |        | SK132 | 240 x 113 x 68 | 5     | 12 - 27             | 6                                | 2.5          | 16                               | 16           |       |
| Size 3 |        | SK133 | 360 x 155 x 90 | 5     | 13 - 45             | 10                               | 2.5          | 35                               | 35           |       |

## Resin Joints Y Branch Kits without Terminal

Epoxy resin, expiry date 3 years, mixing ratio 1:1, Voltage 0.3-1 kV.  
Mixing time: 5 mins (approx) / Curing time: 30 mins (approx).  
Kit includes: 1 x transparent Y shell, separator, tape, 2 x two-component resin bag and gloves.



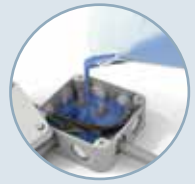
Size 4

| Type   | Colour | Code | Size (mm)       | Cores | Min Conductor Cross Section (mm) |              | Max Conductor Cross Section (mm) |              | Notes |
|--------|--------|------|-----------------|-------|----------------------------------|--------------|----------------------------------|--------------|-------|
|        |        |      |                 |       | Main Cable                       | Branch Cable | Main Cable                       | Branch Cable |       |
| Size 4 |        | SKB4 | 298 x 128 x 128 | 4     | 35                               | 17           | 51                               | 33           |       |
| Size 5 |        | SKB5 | 430 x 130 x 130 | 4     | 30                               | 17           | 55                               | 40           |       |

# SILICONE RESIN JOINTS

## Silicone Resin RESIL

Silicone resin, no expiry date, non-toxic, re-enterable, mixing ratio 1:1, dielectric strength 23 kV/mm.  
Mixing time: 5 mins (approx) / Curing time: 12 mins (approx).  
40% faster than standard epoxy resin.



RESIL 1 Ltr

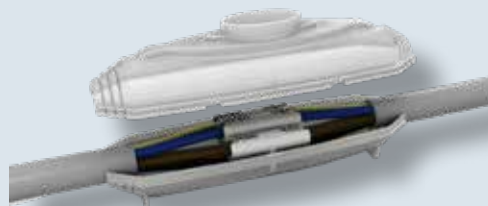


| Type        | Colour | Code   | Details           | Size  | Notes |
|-------------|--------|--------|-------------------|-------|-------|
| RESIL 1Ltr  |        | RE0100 | 2 part bottle mix | 1 Ltr |       |
| RESIL 4 Ltr |        | RE0400 | 2 part bottle mix | 4 Ltr |       |

# TRANSPARENT SHELLS

## Transparent Shells

Transparent shells - half shells with snap shut closure.  
Includes: Earth braid and spring coils.  
NO RESIN INCLUDED



Size 1

| Type   | Colour | Code  | Size (mm) | Connector  | Cores | Cable Diameter (mm) | Min Cross Section (mm) | Max Cross Section (mm) | Notes |
|--------|--------|-------|-----------|------------|-------|---------------------|------------------------|------------------------|-------|
| Size 0 | Clear  | GSA0W | 190 x 45  | 4 x crimp  | 4     | 8 - 26              | 1.5                    | 6                      |       |
| Size 1 | Clear  | GSA1W | 190 x 51  | 1 x 5 pole | 5     | 7 - 30              | 1.5                    | 10                     |       |
| Size 2 | Clear  | GSA2W | 240 x 62  | 1 x 5 pole | 5     | 8 - 35              | 4                      | 25                     |       |

# PRE-FILLED GEL JOINTS

## Pre-filled Gel Joints SHARK

Pre-filled gel joints, no expiry date, non-toxic, ready for immediate use, re-enterable, Voltage 0.6 - 1 kV.  
Includes: Terminal block and cable ties.



Size 1



| Type      | Colour | Code    | Size (mm)     | Cores | Amp | Notes |
|-----------|--------|---------|---------------|-------|-----|-------|
| SHARK 315 |        | SH0315W | 40 x 72 x 23  | 3     | 5   |       |
| SHARK 325 |        | SH0325W | 47 x 86 x 27  | 3     | 6   |       |
| SHARK 310 |        | SH0310W | 55 x 146 x 35 | 3     | 13  |       |
| SHARK 316 |        | SH0316W | 69 x 180 x 40 | 3     | 30  |       |

**Pre-filled Gel Joints - for SWA**

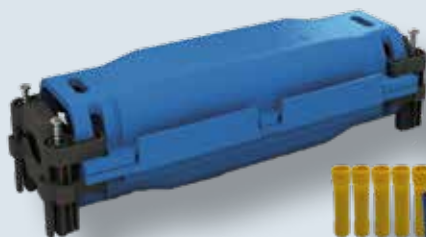
**SHARK**

Pre-filled gel joints, no expiry date, non-toxic, ready for immediate use, re-enterable, Voltage 0.6 - 1 kV. Includes: Terminal block or pre-insulated crimp connectors, earth braid and spring coils. Complies with EN 50393 for underground joints.



SHARK 525 with Terminal Block

| Type      | Colour | Code   | Size (mm)     | Cores | Amp | Cable Diameter (mm) | Notes |
|-----------|--------|--------|---------------|-------|-----|---------------------|-------|
| SHARK 506 |        | SH506W | 55 x 146 x 35 | 5     | 80  | 1.5 - 6             |       |
| SHARK 525 |        | SH525W | 69 x 180 x 40 | 3     |     | 2.5 - 16            |       |
|           |        |        |               | 4     | 135 | 2.5 - 16            |       |
|           |        |        |               | 5     |     | 2.5 - 10            |       |



SHARK 506W/C



| Type      | Colour | Code     | Size (mm)     | Crimp                    | Amp         | Cable Diameter (mm) | Notes         |
|-----------|--------|----------|---------------|--------------------------|-------------|---------------------|---------------|
| SHARK 506 |        | SH506W/C | 55 x 146 x 35 | BV2 Blue<br>BV5.5 Yellow | 27A<br>48A  | 1.5 - 2.5<br>4 - 6  | Pre-insulated |
| SHARK 525 |        | SH525W/C | 69 x 180 x 40 | BV14<br>BV22             | 88A<br>115A | 10 - 16<br>16 - 25  | Non-insulated |

**Pre-filled Gel Joints - for SWA, Y Branch**

**SHARK**

Pre-filled gel joints, Y Branch, no expiry date, non-toxic, ready for immediate use, re-enterable, Voltage 0.6 - 1 kV. Includes: Terminal block. Complies with EN 50393 for underground joints.



SHARK 6516

| Type       | Colour | Code     | Size (mm)      | Cores | Cable Diameter (mm) | Main Cable (mm) | Branch Cable (mm) | Notes |
|------------|--------|----------|----------------|-------|---------------------|-----------------|-------------------|-------|
| SHARK 150Y |        | SH6150   | 145 x 70 x 32  | 1     |                     | 6 - 50          | 1.5 - 25          |       |
| SHARK 6516 |        | SH6516/W | 220 x 110 x 53 | 5     | 6 - 16              | 2.5 - 16        | 2.5 - 16          |       |
| SHARK 6535 |        | SH6535/W | 260 x 130 x 65 | 5     | 16 - 35             | 16 - 35         | 2.5 - 35          |       |

**Pre-filled Gel Joints - for SWA, T Branch**

**SHARK**

Pre-filled gel joints, T Branch, no expiry date, non-toxic, ready for immediate use, re-enterable, Voltage 0.6 - 1 kV. Includes: Terminal block. Complies with EN 50393 for underground joints.



SHARK 425

Continued...

| Type      | Colour | Code     | Size (mm)      | Cores | Cable Diameter (mm) | Main Cable (mm) | Branch Cable (mm) | Notes |
|-----------|--------|----------|----------------|-------|---------------------|-----------------|-------------------|-------|
| SHARK 425 |        | SH0425/W | 210 x 125 x 49 | 4     | 6 - 10              | 6 - 10          | 1.5 - 10          |       |
| SHARK 435 |        | SH0435/W | 250 x 143 x 46 | 4     | 16 - 35             | 16 - 35         | 2.5 - 25          |       |

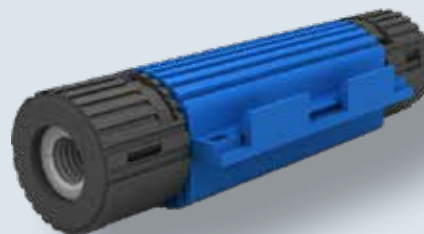
**PRE-FILLED IP68 GEL JOINTS**

**Pre-filled IP68 Gel Joints**

**SHARK SIXEIGHT**

Pre-filled gel joints, IP68 (up to 10 metres), no expiry date, non-toxic, ready for immediate use, re-enterable, Voltage 0.6 - 1 kV. Includes: Terminal block, earth braid and spring coil. 75% faster than a standard resin joint, suitable for SWA.

IP 68



SHARK 68



| Type         | Colour | Code     | Size (mm)     | Connector    | Cores | Amp | Cable Diameter (mm) | Notes |
|--------------|--------|----------|---------------|--------------|-------|-----|---------------------|-------|
| SHARK 6801BW |        | SH6801BW | 190 x 60 x 48 | 3 pole strip | 3     | 32  | 1.5 - 6             |       |
| SHARK 6801DW |        | SH6801DW | 190 x 60 x 48 | 5 x crimp    | 5     | 41  | 1.5 - 6             |       |
| SHARK 6802AW |        | SH6802AW | 235 x 68 x 48 | 5 pole block | 5     | 80  | 2.5 - 10            |       |
| SHARK 6803AW |        | SH6803AW | 310 x 85 x 60 | 5 pole block | 5     | 135 | 10 - 25             |       |

**MINI GEL JOINT**

**Mini Gel Joint**

**LED JOY**

Pre-filled gel joint, IP68, no expiry date, non-toxic, ready for immediate use, re-enterable, 24 A, 450 V. Includes: Cable retention clips, 2 pole spring connector and 3 pole insulated screw connector.

IP 68



LEDJOY



| Type   | Colour | Code   | Size (mm) | Cable Diameter (mm) | Cores  | Core Size (mm) | Notes |
|--------|--------|--------|-----------|---------------------|--------|----------------|-------|
| LEDJOY |        | LEDJOY | 118 x 25  | 5 - 9               | 2<br>3 | 0.5 - 1.5      |       |

**Mini Gel Box**

**MBX**

Pre-filled gel box, IPX8, 3-way entries, no expiry date, non-toxic, ready for immediate use, re-enterable. Suitable for solid, rigid and flexible cables. Suitable for lever connectors



Mini Gel Box



SHELLBOX (MJB) DISCONTINUED Use this Product

Continued...

| Type           | Colour | Code  | Size (mm)    | Notes |
|----------------|--------|-------|--------------|-------|
| Mini Gel Box 1 |        | MBX01 | 36 x 33 x 24 |       |
| Mini Gel Box 2 |        | MBX02 | 43 x 33 x 24 |       |
| Mini Gel Box 3 |        | MBX03 | 57 x 33 x 24 |       |

**Mini Gel Box  
Shell Box Flat Series**

Pre-filled gel box, compact design, IPX8, no expiry date, non-toxic, ready for immediate use, re-enterable, complete with WAGO 221 lever connectors



Shell Box Flat Series

| Type             | Colour | Code    | WAGO 221 Connector Type | Size (mm)      | Notes |
|------------------|--------|---------|-------------------------|----------------|-------|
| Shell Box Size 1 |        | MJBF113 | 1 x 3-way               | 31.4 x 32 x 16 |       |
| Shell Box Size 2 |        | MJBF215 | 1 x 5-way               | 42.5 x 32 x 16 |       |
| Shell Box Size 2 |        | MJBF222 | 2 x 2-way               | 42.5 x 32 x 16 |       |
| Shell Box Size 3 |        | MJBF323 | 2 x 3-way               | 51.5 x 32 x 16 |       |
| Shell Box Size 3 |        | MJBF332 | 3 x 2-way               | 51.5 x 32 x 16 |       |

## PREMOULDED HEAT SHRINK CAPS

**Premoulded Heat Shrink Caps - Single-Core  
CTC**

Premoulded heat shrink cap for single-core breakout boot up to 1 kV. With hot melt sealant, UV resistant.



| Type       | Colour | Code    | Length (m) | Cable Diameter (mm) | Notes |
|------------|--------|---------|------------|---------------------|-------|
| CTC-10/4   |        | PP00104 | 35         | 4 - 8               |       |
| CTC-20/7.5 |        | PP02075 | 55         | 8 - 17              |       |
| CTC-35/15  |        | PP03515 | 90         | 17 - 30             |       |
| CTC-55/25  |        | PP05525 | 125        | 30 - 45             |       |
| CTC-75/32  |        | PP07532 | 140        | 45 - 65             |       |
| CTC-100/45 |        | PP10045 | 160        | 65 - 95             |       |
| CTC-120/70 |        | PP12070 | 160        | 95 - 115            |       |

**Premoulded Heat Shrink Caps - Two-Core  
TBT/B**

Premoulded heat shrink cap for two-core breakout boot up to 1 kV. With hot melt sealant, UV resistant.



TBT/B

Continued...

| Type      | Colour | Code    | Length (m) | Cable Diameter (mm) | Notes |
|-----------|--------|---------|------------|---------------------|-------|
| TBT/B-25  |        | PP20025 | 70         | 5 - 25              |       |
| TBT/B-150 |        | PP20150 | 172        | 35 - 150            |       |
| TBT/B-300 |        | PP20300 | 200        | 185 - 300           |       |

**Premoulded Heat Shrink Caps - Three-Core  
TBT/T**

Premoulded heat shrink cap for three-core breakout boot up to 1 kV. With hot melt sealant, UV resistant.



TBT/T

| Type      | Colour | Code    | Length (m) | Cable Diameter (mm) | Notes |
|-----------|--------|---------|------------|---------------------|-------|
| TBT/T-35  |        | PP30035 | 85         | 4 - 35              |       |
| TBT/T-150 |        | PP30150 | 160        | 50 - 150            |       |
| TBT/T-300 |        | PP30300 | 200        | 185 - 300           |       |
| TBT/T-500 |        | PP30500 | 215        | 185 - 500           |       |
| TBT/T-630 |        | PP30630 | 245        | 400 - 630           |       |

**Premoulded Heat Shrink Caps- Four-Core  
TBT/Q**

Premoulded heat shrink cap for four-core breakout boot up to 1 kV. With hot melt sealant, UV resistant.



TBT/Q

| Type      | Colour | Code    | Length (m) | Cable Diameter (mm) | Notes |
|-----------|--------|---------|------------|---------------------|-------|
| TBT/Q-35  |        | PP40035 | 80         | 4 - 35              |       |
| TBT/Q-70  |        | PP40070 | 80         | 50 - 70             |       |
| TBT/Q-150 |        | PP40150 | 140        | 95 - 150            |       |
| TBT/Q-300 |        | PP40300 | 180        | 185 - 300           |       |

**Premoulded Heat Shrink Caps - Five-Core  
TBT/P**

Premoulded heat shrink cap for five-core breakout boot up to 1 kV. With hot melt sealant, UV resistant.



TBT/P

| Type      | Colour | Code    | Length (m) | Cable Diameter (mm) | Notes |
|-----------|--------|---------|------------|---------------------|-------|
| TBT/P-10  |        | PP50010 | 55         | 4 - 10              |       |
| TBT/P-50  |        | PP50050 | 80         | 16 - 50             |       |
| TBT/P-95  |        | PP50095 | 135        | 70 - 95             |       |
| TBT/P-240 |        | PP50240 | 145        | 120 - 240           |       |



# HEATSHRINK TUBING

## Heat Shrink Tubing in Spool GTUC / GTGV

Low thickness heat shrink tubing for general use.  
Shrink ratio 2:1



CTUC / GTGV

| Type           | Colour | Code   | Length (m) | Cable Diameter (mm) | Notes |
|----------------|--------|--------|------------|---------------------|-------|
| GTUC-1.2/0.6   | Clear  | GTX012 | 300        | 0.7 - 0.9           |       |
| GTUC-1.6/1.8   | Clear  | GTX016 | 300        | 0.9 - 1.4           |       |
| GTUC-2.4/1.2   | Clear  | GTX024 | 150        | 1.4 - 1.8           |       |
| GTUC-3.2/1.6   | Clear  | GTX032 | 150        | 1.8 - 2.7           |       |
| GTUC-4.8/2.4   | Clear  | GTX048 | 150        | 2.7 - 3.6           |       |
| GTUC-6.4/3.2   | Clear  | GTX064 | 75         | 3.6 - 5.7           |       |
| GTUC-9.5/4.8   | Clear  | GTX095 | 75         | 5.7 - 8.5           |       |
| GTUC-12.7/6.4  | Clear  | GTX127 | 75         | 8.5 - 11.4          |       |
| GTUC-19/19.5   | Clear  | GTX019 | 75         | 11.4 - 18           |       |
| GTUC-25.4/12.7 | Clear  | GTX254 | 30         | 18 - 23             |       |
| GTUC-51/25.4   | Clear  | GTX051 | 30         | 35 - 47             |       |
| GTUC-76/38     | Clear  | GTX076 | 15         | 47 - 70             |       |
| GTUC-102/51    | Clear  | GTX102 | 15         | 70 - 95             |       |
| GTUC-1.2/0.6   |        | GT0012 | 300        | 0.7 - 0.9           |       |
| GTUC-1.6/1.8   |        | GT0016 | 300        | 0.9 - 1.4           |       |
| GTUC-2.4/1.2   |        | GT0024 | 150        | 1.4 - 1.8           |       |
| GTUC-3.2/1.6   |        | GT0032 | 150        | 1.8 - 2.7           |       |
| GTUC-4.8/2.4   |        | GT0048 | 150        | 2.7 - 3.6           |       |
| GTUC-6.4/3.2   |        | GT0064 | 75         | 3.6 - 5.7           |       |
| GTUC-9.5/4.8   |        | GT0095 | 75         | 5.7 - 8.5           |       |
| GTUC-12.7/6.4  |        | GT0127 | 75         | 8.5 - 11.4          |       |
| GTUC-19/19.5   |        | GT0019 | 75         | 11.4 - 18           |       |
| GTUC-25.4/12.7 |        | GT0254 | 30         | 18 - 23             |       |
| GTUC-38/19     |        | GT0038 | 30         | 23 - 35             |       |
| GTUC-51/25.4   |        | GT0051 | 30         | 35 - 47             |       |
| GTUC-76/38     |        | GT0076 | 15         | 47 - 70             |       |
| GTUC-102/51    |        | GT0102 | 15         | 70 - 95             |       |
| GTUC-1.2/0.6   |        | GT2012 | 300        | 0.7 - 0.9           |       |
| GTUC-1.6/1.8   |        | GT2016 | 300        | 0.9 - 1.4           |       |
| GTUC-2.4/1.2   |        | GT2024 | 150        | 1.4 - 1.8           |       |
| GTUC-3.2/1.6   |        | GT2032 | 150        | 1.8 - 2.7           |       |
| GTUC-4.8/2.4   |        | GT2048 | 150        | 2.7 - 3.6           |       |
| GTUC-6.4/3.2   |        | GT2064 | 75         | 3.6 - 5.7           |       |
| GTUC-9.5/4.8   |        | GT2095 | 75         | 5.7 - 8.5           |       |
| GTUC-12.7/6.4  |        | GT2127 | 75         | 8.5 - 11.4          |       |
| GTUC-19/19.5   |        | GT2019 | 75         | 11.4 - 18           |       |
| GTUC-25.4/12.7 |        | GT2254 | 30         | 18 - 23             |       |
| GTUC-38/19     |        | GT2038 | 30         | 23 - 35             |       |
| GTUC-51/25.4   |        | GT2051 | 30         | 35 - 47             |       |
| GTUC-76/38     |        | GT2076 | 15         | 47 - 70             |       |
| GTUC-102/51    |        | GT2102 | 15         | 70 - 95             |       |
| GTUC-1.2/0.6   |        | GT4012 | 300        | 0.7 - 0.9           |       |
| GTUC-1.6/1.8   |        | GT4016 | 300        | 0.9 - 1.4           |       |
| GTUC-2.4/1.2   |        | GT4024 | 150        | 1.4 - 1.8           |       |
| GTUC-3.2/1.6   |        | GT4032 | 150        | 1.8 - 2.7           |       |
| GTUC-4.8/2.4   |        | GT4048 | 150        | 2.7 - 3.6           |       |
| GTUC-6.4/3.2   |        | GT4064 | 75         | 3.6 - 5.7           |       |
| GTUC-9.5/4.8   |        | GT4095 | 75         | 5.7 - 8.5           |       |
| GTUC-12.7/6.4  |        | GT4127 | 75         | 8.5 - 11.4          |       |
| GTUC-19/19.5   |        | GT4019 | 75         | 11.4 - 18           |       |
| GTUC-25.4/12.7 |        | GT4254 | 30         | 18 - 23             |       |
| GTUC-38/19     |        | GT4038 | 30         | 23 - 35             |       |
| GTUC-51/25.4   |        | GT4051 | 30         | 35 - 47             |       |
| GTUC-76/38     |        | GT4076 | 15         | 47 - 70             |       |
| GTUC-102/51    |        | GT4102 | 15         | 70 - 95             |       |
| GTUC-1.2/0.6   |        | GT5012 | 300        | 0.7 - 0.9           |       |

Continued...

| Type           | Colour | Code   | Length (m) | Cable Diameter (mm) | Notes |
|----------------|--------|--------|------------|---------------------|-------|
| GTUC-1.6/1.8   |        | GT5016 | 300        | 0.9 - 1.4           |       |
| GTUC-2.4/1.2   |        | GT5024 | 150        | 1.4 - 1.8           |       |
| GTUC-3.2/1.6   |        | GT5032 | 150        | 1.8 - 2.7           |       |
| GTUC-4.8/2.4   |        | GT5048 | 150        | 2.7 - 3.6           |       |
| GTUC-6.4/3.2   |        | GT5064 | 75         | 3.6 - 5.7           |       |
| GTUC-9.5/4.8   |        | GT5095 | 75         | 5.7 - 8.5           |       |
| GTUC-12.7/6.4  |        | GT5127 | 75         | 8.5 - 11.4          |       |
| GTUC-19/19.5   |        | GT5019 | 75         | 11.4 - 18           |       |
| GTUC-25.4/12.7 |        | GT5254 | 30         | 18 - 23             |       |
| GTUC-38/19     |        | GT5038 | 30         | 23 - 35             |       |
| GTUC-51/25.4   |        | GT5051 | 30         | 35 - 47             |       |
| GTUC-76/38     |        | GT5076 | 15         | 47 - 70             |       |
| GTUC-102/51    |        | GT5102 | 15         | 70 - 95             |       |
| GTUC-1.2/0.6   |        | GT6012 | 300        | 0.7 - 0.9           |       |
| GTUC-1.6/1.8   |        | GT6016 | 300        | 0.9 - 1.4           |       |
| GTUC-2.4/1.2   |        | GT6024 | 150        | 1.4 - 1.8           |       |
| GTUC-3.2/1.6   |        | GT6032 | 150        | 1.8 - 2.7           |       |
| GTUC-4.8/2.4   |        | GT6048 | 150        | 2.7 - 3.6           |       |
| GTUC-6.4/3.2   |        | GT6064 | 75         | 3.6 - 5.7           |       |
| GTUC-9.5/4.8   |        | GT6095 | 75         | 5.7 - 8.5           |       |
| GTUC-12.7/6.4  |        | GT6127 | 75         | 8.5 - 11.4          |       |
| GTUC-19/19.5   |        | GT6019 | 75         | 11.4 - 18           |       |
| GTUC-25.4/12.7 |        | GT6254 | 30         | 18 - 23             |       |
| GTUC-38/19     |        | GT6038 | 30         | 23 - 35             |       |
| GTUC-51/25.4   |        | GT6051 | 30         | 35 - 47             |       |
| GTUC-76/38     |        | GT6076 | 15         | 47 - 70             |       |
| GTUC-102/51    |        | GT6102 | 15         | 70 - 95             |       |
| GTUC-1.2/0.6   |        | GT9012 | 300        | 0.7 - 0.9           |       |
| GTUC-1.6/1.8   |        | GT9016 | 300        | 0.9 - 1.4           |       |
| GTUC-2.4/1.2   |        | GT9024 | 150        | 1.4 - 1.8           |       |
| GTUC-3.2/1.6   |        | GT9032 | 150        | 1.8 - 2.7           |       |
| GTUC-4.8/2.4   |        | GT9048 | 150        | 2.7 - 3.6           |       |
| GTUC-6.4/3.2   |        | GT9064 | 75         | 3.6 - 5.7           |       |
| GTUC-9.5/4.8   |        | GT9095 | 75         | 5.7 - 8.5           |       |
| GTUC-12.7/6.4  |        | GT9127 | 75         | 8.5 - 11.4          |       |
| GTUC-19/19.5   |        | GT9019 | 75         | 11.4 - 18           |       |
| GTUC-25.4/12.7 |        | GT9254 | 30         | 18 - 23             |       |
| GTUC-38/19     |        | GT9038 | 30         | 23 - 35             |       |
| GTUC-51/25.4   |        | GT9051 | 30         | 35 - 47             |       |
| GTUC-76/38     |        | GT9076 | 15         | 47 - 70             |       |
| GTUC-102/51    |        | GT9102 | 15         | 70 - 95             |       |
| GTGV-3/1.5     |        | GT3003 | 150        | 1.7 - 2.8           |       |
| GTGV-6/3       |        | GT3006 | 75         | 3.2 - 5.6           |       |
| GTGV-8/4       |        | GT3008 | 75         | 4.5 - 7.6           |       |
| GTGV-10/5      |        | GT3010 | 75         | 5.5 - 9.5           |       |
| GTGV-12/6      |        | GT3012 | 75         | 6.5 - 11.5          |       |
| GTGV-19/9      |        | GT3019 | 75         | 9.8 - 18.3          |       |
| GTGV-26/13     |        | GT3026 | 30         | 14 - 25             |       |
| GTGV-38/19     |        | GT3038 | 30         | 23 - 35             |       |

## Heat Shrink Tubing in 1 Metre Bars CTUC/B

Low thickness heat shrink tubing for general use.  
Shrink ratio 2:1



CTUC



| Type            | Colour | Code   | Length (m) | Cable Diameter (mm) | Minimum Order Quantities | Notes |
|-----------------|--------|--------|------------|---------------------|--------------------------|-------|
| CTUC/B-2.4/1.2  |        | GT1106 | 1          | 1.4 - 1.8           | 5                        |       |
| CTUC/B-3.2/1.6  |        | GT1107 | 1          | 1.8 - 2.7           | 5                        |       |
| CTUC/B-4.8/2.4  |        | GT1108 | 1          | 2.7 - 3.6           | 5                        |       |
| CTUC/B-6.4/3.2  |        | GT1109 | 1          | 3.6 - 5.7           | 5                        |       |
| CTUC/B-9.5/4.8  |        | GT1110 | 1          | 5.7 - 8.5           | 5                        |       |
| CTUC/B-12.7/6.4 |        | GT1111 | 1          | 8.5 - 11.4          | 5                        |       |
| CTUC/B-19/19.5  |        | GT1112 | 1          | 11.4 - 18           | 5                        |       |

Continued...

| Type             | Colour | Code   | Length (m) | Cable Diameter (mm) | Minimum Order Quantities | Notes |
|------------------|--------|--------|------------|---------------------|--------------------------|-------|
| CTUC/B-25.4/12.7 |        | GT1113 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     |        | GT1114 | 1          | 23 · 35             | 2                        |       |
| CTUC/B-51/25.4   |        | GT1115 | 1          | 35 · 47             | 1                        |       |
| CTUC/B-2.4/1.2   |        | GT1116 | 1          | 1.4 · 1.8           | 5                        |       |
| CTUC/B-3.2/1.6   |        | GT1117 | 1          | 1.8 · 2.7           | 5                        |       |
| CTUC/B-4.8/2.4   |        | GT1118 | 1          | 2.7 · 3.6           | 5                        |       |
| CTUC/B-6.4/3.2   |        | GT1119 | 1          | 3.6 · 5.7           | 5                        |       |
| CTUC/B-9.5/4.8   |        | GT1120 | 1          | 5.7 · 8.5           | 5                        |       |
| CTUC/B-12.7/6.4  |        | GT1121 | 1          | 8.5 · 11.4          | 5                        |       |
| CTUC/B-19/19.5   |        | GT1122 | 1          | 11.4 · 18           | 5                        |       |
| CTUC/B-25.4/12.7 |        | GT1123 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     |        | GT1124 | 1          | 23 · 35             | 2                        |       |
| CTUC/B-51/25.4   |        | GT1125 | 1          | 35 · 47             | 1                        |       |
| CTUC/B-2.4/1.2   |        | GT1126 | 1          | 1.4 · 1.8           | 5                        |       |
| CTUC/B-3.2/1.6   |        | GT1127 | 1          | 1.8 · 2.7           | 5                        |       |
| CTUC/B-4.8/2.4   |        | GT1128 | 1          | 2.7 · 3.6           | 5                        |       |
| CTUC/B-6.4/3.2   |        | GT1129 | 1          | 3.6 · 5.7           | 5                        |       |
| CTUC/B-9.5/4.8   |        | GT1130 | 1          | 5.7 · 8.5           | 5                        |       |
| CTUC/B-12.7/6.4  |        | GT1131 | 1          | 8.5 · 11.4          | 5                        |       |
| CTUC/B-19/19.5   |        | GT1132 | 1          | 11.4 · 18           | 5                        |       |
| CTUC/B-25.4/12.7 |        | GT1133 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     |        | GT1134 | 1          | 23 · 35             | 2                        |       |
| CTUC/B-51/25.4   |        | GT1135 | 1          | 35 · 47             | 1                        |       |
| CTUC/B-2.4/1.2   |        | GT1136 | 1          | 1.4 · 1.8           | 5                        |       |
| CTUC/B-3.2/1.6   |        | GT1137 | 1          | 1.8 · 2.7           | 5                        |       |
| CTUC/B-4.8/2.4   |        | GT1138 | 1          | 2.7 · 3.6           | 5                        |       |
| CTUC/B-6.4/3.2   |        | GT1139 | 1          | 3.6 · 5.7           | 5                        |       |
| CTUC/B-9.5/4.8   |        | GT1140 | 1          | 5.7 · 8.5           | 5                        |       |
| CTUC/B-12.7/6.4  |        | GT1141 | 1          | 8.5 · 11.4          | 5                        |       |
| CTUC/B-19/19.5   |        | GT1142 | 1          | 11.4 · 18           | 5                        |       |
| CTUC/B-25.4/12.7 |        | GT1143 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     |        | GT1144 | 1          | 23 · 35             | 2                        |       |
| CTUC/B-51/25.4   |        | GT1145 | 1          | 35 · 47             | 1                        |       |
| CTUC/B-2.4/1.2   | Clear  | GT1146 | 1          | 1.4 · 1.8           | 5                        |       |
| CTUC/B-3.2/1.6   | Clear  | GT1147 | 1          | 1.8 · 2.7           | 5                        |       |
| CTUC/B-4.8/2.4   | Clear  | GT1148 | 1          | 2.7 · 3.6           | 5                        |       |
| CTUC/B-6.4/3.2   | Clear  | GT1149 | 1          | 3.6 · 5.7           | 5                        |       |
| CTUC/B-9.5/4.8   | Clear  | GT1150 | 1          | 5.7 · 8.5           | 5                        |       |
| CTUC/B-12.7/6.4  | Clear  | GT1151 | 1          | 8.5 · 11.4          | 5                        |       |
| CTUC/B-19/19.5   | Clear  | GT1152 | 1          | 11.4 · 18           | 5                        |       |
| CTUC/B-25.4/12.7 | Clear  | GT1153 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     | Clear  | GT1154 | 1          | 23 · 35             | 2                        |       |
| CTUC/B-51/25.4   | Clear  | GT1155 | 1          | 35 · 47             | 1                        |       |
| CTUC/B-2.4/1.2   |        | GT1156 | 1          | 1.4 · 1.8           | 5                        |       |
| CTUC/B-3.2/1.6   |        | GT1157 | 1          | 1.8 · 2.7           | 5                        |       |
| CTUC/B-4.8/2.4   |        | GT1158 | 1          | 2.7 · 3.6           | 5                        |       |
| CTUC/B-6.4/3.2   |        | GT1159 | 1          | 3.6 · 5.7           | 5                        |       |
| CTUC/B-9.5/4.8   |        | GT1160 | 1          | 5.7 · 8.5           | 5                        |       |
| CTUC/B-12.7/6.4  |        | GT1161 | 1          | 8.5 · 11.4          | 5                        |       |
| CTUC/B-19/19.5   |        | GT1162 | 1          | 11.4 · 18           | 5                        |       |
| CTUC/B-25.4/12.7 |        | GT1163 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     |        | GT1164 | 1          | 23 · 35             | 2                        |       |
| CTUC/B-51/25.4   |        | GT1165 | 1          | 35 · 47             | 1                        |       |
| CTUC/B-2.4/1.2   |        | GT1166 | 1          | 1.4 · 1.8           | 5                        |       |
| CTUC/B-3.2/1.6   |        | GT1167 | 1          | 1.8 · 2.7           | 5                        |       |
| CTUC/B-4.8/2.4   |        | GT1168 | 1          | 2.7 · 3.6           | 5                        |       |
| CTUC/B-6.4/3.2   |        | GT1169 | 1          | 3.6 · 5.7           | 5                        |       |
| CTUC/B-9.5/4.8   |        | GT1170 | 1          | 5.7 · 8.5           | 5                        |       |
| CTUC/B-12.7/6.4  |        | GT1171 | 1          | 8.5 · 11.4          | 5                        |       |
| CTUC/B-19/19.5   |        | GT1172 | 1          | 11.4 · 18           | 5                        |       |
| CTUC/B-25.4/12.7 |        | GT1173 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     |        | GT1174 | 1          | 23 · 35             | 2                        |       |
| CTUC/B-51/25.4   |        | GT1175 | 1          | 35 · 47             | 1                        |       |
| CTUC/B-2.4/1.2   |        | GT1176 | 1          | 1.4 · 1.8           | 5                        |       |
| CTUC/B-3.2/1.6   |        | GT1177 | 1          | 1.8 · 2.7           | 5                        |       |
| CTUC/B-4.8/2.4   |        | GT1178 | 1          | 2.7 · 3.6           | 5                        |       |
| CTUC/B-6.4/3.2   |        | GT1179 | 1          | 3.6 · 5.7           | 5                        |       |
| CTUC/B-9.5/4.8   |        | GT1180 | 1          | 5.7 · 8.5           | 5                        |       |
| CTUC/B-12.7/6.4  |        | GT1181 | 1          | 8.5 · 11.4          | 5                        |       |
| CTUC/B-19/19.5   |        | GT1182 | 1          | 11.4 · 18           | 5                        |       |
| CTUC/B-25.4/12.7 |        | GT1183 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     |        | GT1184 | 1          | 23 · 35             | 2                        |       |
| CTUC/B-51/25.4   |        | GT1185 | 1          | 35 · 47             | 1                        |       |

Continued...

| Type             | Colour | Code   | Length (m) | Cable Diameter (mm) | Minimum Order Quantities | Notes |
|------------------|--------|--------|------------|---------------------|--------------------------|-------|
| CTUC/B-2.4/1.2   |        | GT1186 | 1          | 1.4 · 1.8           | 5                        |       |
| CTUC/B-3.2/1.6   |        | GT1187 | 1          | 1.8 · 2.7           | 5                        |       |
| CTUC/B-4.8/2.4   |        | GT1188 | 1          | 2.7 · 3.6           | 5                        |       |
| CTUC/B-6.4/3.2   |        | GT1189 | 1          | 3.6 · 5.7           | 5                        |       |
| CTUC/B-9.5/4.8   |        | GT1190 | 1          | 5.7 · 8.5           | 5                        |       |
| CTUC/B-12.7/6.4  |        | GT1191 | 1          | 8.5 · 11.4          | 5                        |       |
| CTUC/B-19/19.5   |        | GT1192 | 1          | 11.4 · 18           | 5                        |       |
| CTUC/B-25.4/12.7 |        | GT1193 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     |        | GT1194 | 1          | 23 · 35             | 2                        |       |
| CTUC/B-51/25.4   |        | GT1195 | 1          | 35 · 47             | 1                        |       |
| CTUC/B-3.2/1.6   |        | GT1197 | 1          | 1.8 · 2.7           | 5                        |       |
| CTUC/B-4.8/2.4   |        | GT1198 | 1          | 2.7 · 3.6           | 5                        |       |
| CTUC/B-6.4/3.2   |        | GT1199 | 1          | 3.6 · 5.7           | 5                        |       |
| CTUC/B-9.5/4.8   |        | GT1200 | 1          | 5.7 · 8.5           | 5                        |       |
| CTUC/B-12.7/6.4  |        | GT1201 | 1          | 8.5 · 11.4          | 5                        |       |
| CTUC/B-19/19.5   |        | GT1202 | 1          | 11.4 · 18           | 5                        |       |
| CTUC/B-25.4/12.7 |        | GT1203 | 1          | 18 · 23             | 3                        |       |
| CTUC/B-38/19     |        | GT1204 | 1          | 23 · 35             | 2                        |       |

### Heat Shrink Tubing - Bars with Sealant GTMS

Medium-walled polyolefin heat shrink tubing. Resistance to weathering, permanent installation under water. Shrink ratio 3:1



| Type               | Colour | Code    | Length (m) | Cable Diameter (mm) | Notes |
|--------------------|--------|---------|------------|---------------------|-------|
| GTMS-10/3-1000/S   |        | GT31010 | 1          | 3.5 · 9.0           |       |
| GTMS-16/5-1000/S   |        | GT31016 | 1          | 5.5 · 14.0          |       |
| GTMS-25/8-1000/S   |        | GT31025 | 1          | 8.5 · 22.0          |       |
| GTMS-35/12-1000/S  |        | GT31035 | 1          | 13.0 · 32.0         |       |
| GTMS-50/16-1000/S  |        | GT31050 | 1          | 17.5 · 45.0         |       |
| GTMS-63/19-1000/S  |        | GT31063 | 1          | 21.0 · 57.0         |       |
| GTMS-75/22-1000/S  |        | GT31075 | 1          | 24.0 · 68.0         |       |
| GTMS-85/25-1000/S  |        | GT31085 | 1          | 28.0 · 77.0         |       |
| GTMS-95/29-1000/S  |        | GT31095 | 1          | 32.0 · 86.0         |       |
| GTMS-115/34-1000/S |        | GT31115 | 1          | 37.0 · 104.9        |       |
| GTMS-140/42-1000/S |        | GT31140 | 1          | 46.0 · 126.0        |       |
| GTMS-160/50-1000/S |        | GT31160 | 1          | 55.0 · 144.0        |       |
| GTMS-180/60-1000/S |        | GT31180 | 1          | 66.0 · 162.0        |       |

### Heat Shrink Tubing - Wrap-around Zip Sleeve GTCR

Thick-walled polyolefin heat shrink tubing. High resistance to weathering, abrasion and impact, permanent installation under water. Ideal for cable repair. Shrink ratio 3:1



| Type               | Colour | Code    | Length (m) | Cable Diameter (mm) | Notes |
|--------------------|--------|---------|------------|---------------------|-------|
| GTCR-34/10-1000/S  |        | GT41034 | 1          | 11 · 21             |       |
| GTCR-53/13-1000/S  |        | GT41053 | 1          | 17 · 32             |       |
| GTCR-84/20-1000/S  |        | GT41084 | 1          | 24 · 50             |       |
| GTCR-107/29-1000/S |        | GT41107 | 1          | 31 · 65             |       |
| GTCR-143/36-1000/S |        | GT41143 | 1          | 33 · 86             |       |
| GTCR-198/55-1000/S |        | GT41198 | 1          | 56 · 120            |       |
| GTCR-250/98-1000/S |        | GT41250 | 1          | 103 · 150           |       |







**Cable Glands**

BRACE SYSTEM

JOINTS

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

JUNCTION BOXES

LIGHTING

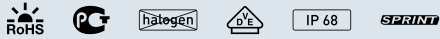
TECHNICAL DATA



# CABLE GLANDS - PLASTIC

## Cable Glands - Plastic SPRINT - Gland packs, GLP

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C  
temperature range -40°C - 100°C, Gasket EPDM, EMUG locknut



ESKV Cable Gland Packs



| Type             | Colour | Code     | Size | Clamping Range (mm) | Quantity per Pack | Notes |
|------------------|--------|----------|------|---------------------|-------------------|-------|
| GLP M12          |        | 99719    | M12  | 3 - 7               | 10                |       |
| GLP M16          |        | 99716    | M16  | 4.5 - 10            | 10                |       |
| GLP M16 Plus RDE |        | 99722    | M16  | 4.5 - 10            | 10                |       |
| GLP M20 Plus     |        | 10100613 | M20  | 6.2 - 14            | 10                |       |
| GLP M20 Plus RDE |        | 10100635 | M20+ | 4 - 14              | 10                |       |
| GLP M25          |        | 99704    | M25  | 9 - 17              | 10                |       |
| GLP M25 Plus     |        | 10111148 | M25+ | TBC                 | 10                |       |
| GLP M25 RDE      |        | 99723    | M25  | 7 - 17              | 10                |       |
| GLP M32          |        | 99708    | M32  | 13 - 21             | 10                |       |
| GLP M32 Plus     |        | 10111080 | M32+ | 19 - 25             | 10                |       |
| GLP M32 RDE      |        | 99724    | M32  | 9 - 21              | 10                |       |
| GLP M40          |        | 99710    | M40  | 16 - 28             | 5                 |       |
| GLP M40 Plus     |        | 10111150 | M40+ | 21 - 33             | 5                 |       |
| GLP M50          |        | 99712    | M50  | 21 - 35             | 5                 |       |
| GLP M50 Plus     |        | 10111152 | M50+ | 32 - 39             | 5                 |       |
| GLP M63          |        | 99714    | M63  | 34 - 48             | 5                 |       |
| GLP M12          |        | 99718    | M12  | 3 - 7               | 10                |       |
| GLP M16          |        | 99717    | M16  | 4.5 - 10            | 10                |       |
| GLP M20 Plus     |        | 10100612 | M20  | 6 - 13              | 10                |       |
| GLP M20 Plus RDE |        | 10100636 | M20+ | 4 - 14              | 10                |       |
| GLP M25          |        | 99705    | M25  | 9 - 17              | 10                |       |
| GLP M25 Plus     |        | 10111149 | M25+ | TBC                 | 10                |       |
| GLP M32          |        | 99709    | M32  | 13 - 21             | 10                |       |
| GLP M32 Plus     |        | 10111081 | M32+ | 19 - 25             | 10                |       |
| GLP M40          |        | 99711    | M40  | 16 - 28             | 5                 |       |
| GLP M40 Plus     |        | 10111151 | M40+ | 21 - 33             | 5                 |       |
| GLP M50          |        | 99713    | M50  | 21 - 35             | 5                 |       |
| GLP M50 Plus     |        | 10111153 | M50+ | 32 - 39             | 5                 |       |
| GLP M63          |        | 99715    | M63  | 34 - 48             | 5                 |       |
| GLP M20 Plus     |        | 10100611 | M20  | 6 - 13              | 10                |       |
| GLP M20 Plus RDE |        | 10100637 | M20+ | 4 - 14              | 10                |       |
| GLP M25          |        | 99706    | M20+ | 9 - 17              | 10                |       |
| GLP M20 Plus     |        | 10100614 | M20  | 6 - 13              | 10                |       |
| GLP M20 Plus RDE |        | 10100638 | M20+ | 4 - 14              | 10                |       |
| GLP M25          |        | 99707    | M25  | 9 - 17              | 10                |       |

## Cable Glands - Plastic SPRINT - ESKV

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C  
temperature range -40°C - 100°C, Gasket EPDM.



ESKV



| Type         | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| ESKV 12      |        | 10066410 | M12  | 3 - 7               |       |
| ESKV 16      |        | 10066411 | M16  | 4.5 - 10            |       |
| ESKV 20      |        | 10066412 | M20  | 6 - 13              |       |
| ESKV 20 Plus |        | 10100824 | M20+ | 6.2 - 14            |       |
| ESKV 25      |        | 10066413 | M25  | 9 - 17              |       |
| ESKV 25 Plus |        | 10110695 | M25+ | TBC                 |       |
| ESKV 32      |        | 10066414 | M32  | 13 - 21             |       |

| Type         | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| ESKV 32 Plus |        | 10110698 | M32+ | 19 - 25             |       |
| ESKV 40      |        | 10066415 | M40  | 16 - 28             |       |
| ESKV 40 Plus |        | 10110701 | M40+ | 21 - 33             |       |
| ESKV 50      |        | 10066416 | M50  | 21 - 35             |       |
| ESKV 50 Plus |        | 10110704 | M50+ | 32 - 39             |       |
| ESKV 63      |        | 10066417 | M63  | 34 - 48             |       |
| ESKV 12      |        | 10066120 | M12  | 3 - 7               |       |
| ESKV 16      |        | 10066121 | M16  | 4.5 - 10            |       |
| ESKV 20      |        | 10066122 | M20  | 6 - 13              |       |
| ESKV 20 Plus |        | 10100825 | M20+ | 6.2 - 14            |       |
| ESKV 25      |        | 10066123 | M25  | 9 - 17              |       |
| ESKV 25 Plus |        | 10110697 | M25+ | TBC                 |       |
| ESKV 32      |        | 10066124 | M32  | 13 - 21             |       |
| ESKV 32 Plus |        | 10110700 | M32+ | 19 - 25             |       |
| ESKV 40      |        | 10066125 | M40  | 16 - 28             |       |
| ESKV 40 Plus |        | 10110703 | M40+ | 21 - 33             |       |
| ESKV 50      |        | 10066126 | M50  | 21 - 35             |       |
| ESKV 50 Plus |        | 10110706 | M50+ | 32 - 39             |       |
| ESKV 63      |        | 10066127 | M63  | 34 - 48             |       |
| ESKV 12      |        | 10066380 | M12  | 3 - 7               |       |
| ESKV 16      |        | 10066381 | M16  | 4.5 - 10            |       |
| ESKV 20      |        | 10066382 | M20  | 6 - 13              |       |
| ESKV 20 Plus |        | 10061865 | M20+ | 6.2 - 14            |       |
| ESKV 25      |        | 10066383 | M25  | 9 - 17              |       |
| ESKV 25 Plus |        | 10110696 | M25+ | TBC                 |       |
| ESKV 32      |        | 10066384 | M32  | 13 - 21             |       |
| ESKV 32 Plus |        | 10110699 | M32+ | 19 - 25             |       |
| ESKV 40      |        | 10066385 | M40  | 16 - 28             |       |
| ESKV 40 Plus |        | 10110702 | M40+ | 21 - 33             |       |
| ESKV 50      |        | 10066386 | M50  | 21 - 35             |       |
| ESKV 50 Plus |        | 10110705 | M50+ | 32 - 39             |       |
| ESKV 63      |        | 10066387 | M63  | 34 - 48             |       |
| ESKV 20 Plus |        | 10100610 | M20+ | 6.2 - 14            |       |
| ESKV 25      |        | 10102748 | M25  | 9 - 17              |       |
| ESKV 20 Plus |        | 10100609 | M20+ | 6.2 - 14            |       |
| ESKV 25      |        | 10060456 | M25  | 9 - 17              |       |

## Cable Glands - Plastic SPRINT - Long thread, ESKV-L

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C  
temperature range -40°C - 100°C, Gasket EPDM.



| Type      | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|-----------|--------|----------|------|--------------------|---------------------|-------|
| ESKV-L 12 |        | 10066390 | M12  | 15                 | 3 - 7               |       |
| ESKV-L 16 |        | 10066391 | M16  | 15                 | 4.5 - 10            |       |
| ESKV-L 20 |        | 10066392 | M20  | 15                 | 6 - 13              |       |
| ESKV-L 25 |        | 10066393 | M25  | 15                 | 9 - 17              |       |
| ESKV-L 32 |        | 10066394 | M32  | 15                 | 13 - 21             |       |
| ESKV-L 40 |        | 10066395 | M40  | 18                 | 16 - 28             |       |
| ESKV-L 50 |        | 10066396 | M50  | 18                 | 21 - 35             |       |
| ESKV-L 63 |        | 10066397 | M63  | 18                 | 34 - 48             |       |
| ESKV-L 12 |        | 10066500 | M12  | 15                 | 3 - 7               |       |
| ESKV-L 16 |        | 10066501 | M16  | 15                 | 4.5 - 10            |       |
| ESKV-L 20 |        | 10066502 | M20  | 15                 | 6 - 13              |       |
| ESKV-L 25 |        | 10066503 | M25  | 15                 | 9 - 17              |       |
| ESKV-L 32 |        | 10066504 | M32  | 15                 | 13 - 21             |       |
| ESKV-L 40 |        | 10066505 | M40  | 18                 | 16 - 28             |       |
| ESKV-L 50 |        | 10066506 | M50  | 18                 | 21 - 35             |       |
| ESKV-L 63 |        | 10066507 | M63  | 18                 | 34 - 48             |       |
| ESKV-L 12 |        | 10066516 | M12  | 15                 | 3 - 7               |       |
| ESKV-L 16 |        | 10066517 | M16  | 15                 | 4.5 - 10            |       |
| ESKV-L 20 |        | 10066518 | M20  | 15                 | 6 - 13              |       |
| ESKV-L 25 |        | 10066519 | M25  | 15                 | 9 - 17              |       |
| ESKV-L 32 |        | 10066520 | M32  | 15                 | 13 - 21             |       |
| ESKV-L 40 |        | 10066521 | M40  | 18                 | 16 - 28             |       |
| ESKV-L 50 |        | 10066522 | M50  | 18                 | 21 - 35             |       |
| ESKV-L 63 |        | 10066523 | M63  | 18                 | 34 - 48             |       |

**Cable Glands - Plastic**

**SPRINT - LowTemp, ESKV LT**

IP68 (5 bar 30 min) / IP69, Polyamide gland, Gasket silicone, glow wire test 750°C, temperature range: -60°C - 100°C



ESKV LT

| Type       | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|------------|--------|----------|------|--------------------|---------------------|-------|
| ESKV 12 LT |        | 10062763 | M12  | 15                 | 3 - 7               |       |
| ESKV 16 LT |        | 10062777 | M16  | 15                 | 4.5 - 10            |       |
| ESKV 20 LT |        | 10062778 | M20  | 15                 | 6 - 13              |       |
| ESKV 25 LT |        | 10062779 | M25  | 15                 | 9 - 17              |       |
| ESKV 32 LT |        | 10062780 | M32  | 15                 | 13 - 21             |       |
| ESKV 40 LT |        | 10062781 | M40  | 18                 | 16 - 28             |       |
| ESKV 50 LT |        | 10062782 | M50  | 18                 | 21 - 35             |       |
| ESKV 63 LT |        | 10062800 | M63  | 18                 | 34 - 48             |       |
| ESKV 12 LT |        | 10061490 | M12  | 15                 | 3 - 7               |       |
| ESKV 16 LT |        | 10061499 | M16  | 15                 | 4.5 - 10            |       |
| ESKV 20 LT |        | 10061509 | M20  | 15                 | 6 - 13              |       |
| ESKV 25 LT |        | 10061518 | M25  | 15                 | 9 - 17              |       |
| ESKV 32 LT |        | 10061799 | M32  | 15                 | 13 - 21             |       |
| ESKV 40 LT |        | 10061853 | M40  | 18                 | 16 - 28             |       |
| ESKV 50 LT |        | 10061866 | M50  | 18                 | 21 - 35             |       |
| ESKV 63 LT |        | 10061911 | M63  | 18                 | 34 - 48             |       |
| ESKV 12 LT |        | 10061917 | M12  | 15                 | 3 - 7               |       |
| ESKV 16 LT |        | 10061957 | M16  | 15                 | 4.5 - 10            |       |
| ESKV 20 LT |        | 10061121 | M20  | 15                 | 6 - 13              |       |
| ESKV 25 LT |        | 10061463 | M25  | 15                 | 9 - 17              |       |
| ESKV 32 LT |        | 10061491 | M32  | 15                 | 13 - 21             |       |
| ESKV 40 LT |        | 10061500 | M40  | 18                 | 16 - 28             |       |
| ESKV 50 LT |        | 10061510 | M50  | 18                 | 21 - 35             |       |
| ESKV 63 LT |        | 10061644 | M63  | 18                 | 34 - 48             |       |

**Cable Glands - Plastic**

**SPRINT - Long thread, LowTemp, ESKV-L LT**

IP68 (5 bar 30 min) / IP69, Polyamide gland, Gasket silicone, glow wire test 750°C, temperature range: -60°C - 100°C



ESKV-L

| Type         | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|--------------------|---------------------|-------|
| ESKV-L 12 LT |        | 10062737 | M12  | 15                 | 3 - 7               |       |
| ESKV-L 16 LT |        | 10062738 | M16  | 15                 | 4.5 - 10            |       |
| ESKV-L 20 LT |        | 10062739 | M20  | 15                 | 6 - 13              |       |
| ESKV-L 25 LT |        | 10062758 | M25  | 15                 | 9 - 17              |       |
| ESKV-L 32 LT |        | 10062759 | M32  | 15                 | 13 - 21             |       |
| ESKV-L 40 LT |        | 10062760 | M40  | 18                 | 16 - 28             |       |
| ESKV-L 50 LT |        | 10062761 | M50  | 18                 | 21 - 35             |       |
| ESKV-L 63 LT |        | 10062762 | M63  | 18                 | 34 - 48             |       |
| ESKV-L 12 LT |        | 10061690 | M12  | 15                 | 3 - 7               |       |
| ESKV-L 16 LT |        | 10061855 | M16  | 15                 | 4.5 - 10            |       |
| ESKV-L 20 LT |        | 10061868 | M20  | 15                 | 6 - 13              |       |
| ESKV-L 25 LT |        | 10061907 | M25  | 15                 | 9 - 17              |       |
| ESKV-L 32 LT |        | 10061919 | M32  | 15                 | 13 - 21             |       |
| ESKV-L 40 LT |        | 10061950 | M40  | 18                 | 16 - 28             |       |
| ESKV-L 50 LT |        | 10061493 | M50  | 18                 | 21 - 35             |       |
| ESKV-L 63 LT |        | 10061502 | M63  | 18                 | 34 - 48             |       |
| ESKV-L 12 LT |        | 10061512 | M12  | 15                 | 3 - 7               |       |
| ESKV-L 16 LT |        | 10061691 | M16  | 15                 | 4.5 - 10            |       |
| ESKV-L 20 LT |        | 10061860 | M20  | 15                 | 6 - 13              |       |

Continued...

| Type         | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|--------------------|---------------------|-------|
| ESKV-L 25 LT |        | 10061869 | M25  | 15                 | 9 - 17              |       |
| ESKV-L 32 LT |        | 10061908 | M32  | 15                 | 13 - 21             |       |
| ESKV-L 40 LT |        | 10061951 | M40  | 18                 | 16 - 28             |       |
| ESKV-L 50 LT |        | 10061494 | M50  | 18                 | 21 - 35             |       |
| ESKV-L 63 LT |        | 10061504 | M63  | 18                 | 34 - 48             |       |

**Cable Glands - Plastic**

**SPRINT - with reduction sealing insert, ESKV-RDE**

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C temperature range -40°C - 100°C, Gasket EPDM.



ESKV-RDE

| Type        | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| ESKV-RDE 12 |        | 10064976 | M12  | 1 - 7               |       |
| ESKV-RDE 16 |        | 10064977 | M16  | 2 - 10              |       |
| ESKV-RDE 20 |        | 10064978 | M20  | 4 - 13              |       |
| ESKV-RDE 25 |        | 10064979 | M25  | 7 - 17              |       |
| ESKV-RDE 32 |        | 10064980 | M32  | 9 - 21              |       |
| ESKV-RDE 40 |        | 10064981 | M40  | 12 - 28             |       |
| ESKV-RDE 50 |        | 10064982 | M50  | 16 - 35             |       |
| ESKV-RDE 63 |        | 10064983 | M63  | 28 - 48             |       |
| ESKV-RDE 12 |        | 10064992 | M12  | 1 - 7               |       |
| ESKV-RDE 16 |        | 10064993 | M16  | 2 - 10              |       |
| ESKV-RDE 20 |        | 10064994 | M20  | 4 - 13              |       |
| ESKV-RDE 25 |        | 10064995 | M25  | 7 - 17              |       |
| ESKV-RDE 32 |        | 10064996 | M32  | 9 - 21              |       |
| ESKV-RDE 40 |        | 10064997 | M40  | 12 - 28             |       |
| ESKV-RDE 50 |        | 10064998 | M50  | 16 - 35             |       |
| ESKV-RDE 63 |        | 10064999 | M63  | 28 - 48             |       |
| ESKV-RDE 12 |        | 10064984 | M12  | 1 - 7               |       |
| ESKV-RDE 16 |        | 10064985 | M16  | 2 - 10              |       |
| ESKV-RDE 20 |        | 10064986 | M20  | 4 - 13              |       |
| ESKV-RDE 25 |        | 10064987 | M25  | 7 - 17              |       |
| ESKV-RDE 32 |        | 10064988 | M32  | 9 - 21              |       |
| ESKV-RDE 40 |        | 10064989 | M40  | 12 - 28             |       |
| ESKV-RDE 50 |        | 10064990 | M50  | 16 - 35             |       |
| ESKV-RDE 63 |        | 10064991 | M63  | 28 - 48             |       |

**Cable Glands - Plastic**

**SPRINT - Flame-retardant, ESKV-F**

IP68 (5 bar 30 min) / IP69, Polyamide gland, Gasket EPDM, temperature range -40°C - 100°C, glow wire test 960°C, flame-retardant EN 62444

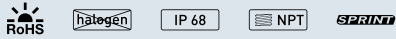


ESKV-F

| Type      | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-----------|--------|----------|------|---------------------|-------|
| ESKV-F 12 |        | 10064626 | M12  | 3 - 7               |       |
| ESKV-F 16 |        | 10064627 | M16  | 4.5 - 10            |       |
| ESKV-F 20 |        | 10064628 | M20  | 6 - 13              |       |
| ESKV-F 25 |        | 10064629 | M25  | 9 - 17              |       |
| ESKV-F 32 |        | 10064630 | M32  | 13 - 21             |       |
| ESKV-F 40 |        | 10064631 | M40  | 16 - 28             |       |
| ESKV-F 50 |        | 10064632 | M50  | 21 - 35             |       |
| ESKV-F 63 |        | 10064633 | M63  | 34 - 48             |       |

**Cable Glands - Plastic  
SPRINT - NPT, NSKV**

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C  
temperature range -40°C - 100°C, Gasket EPDM.

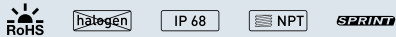


NSKV

| Type       | Colour | Code     | Size       | Clamping Range (mm) | Notes |
|------------|--------|----------|------------|---------------------|-------|
| NSKV 1/4   |        | 10062655 | NPT 1/4"   | 3 - 7               |       |
| NSKV 3/8   |        | 10062656 | NPT 3/8"   | 4.5 - 10            |       |
| NSKV 1/2   |        | 10062657 | NPT 1/2"   | 6 - 13              |       |
| NSKV 3/4   |        | 10062658 | NPT 3/4"   | 9 - 17              |       |
| NSKV 1     |        | 10062659 | NPT 1"     | 13 - 21             |       |
| NSKV 1 1/4 |        | 10062731 | NPT 1 1/4" | 16 - 28             |       |
| NSKV 1 1/2 |        | 10062732 | NPT 1 1/2" | 21 - 35             |       |
| NSKV 2     |        | 10062736 | NPT 2"     | 34 - 48             |       |
| NSKV 1/4   |        | 10061854 | NPT 1/4"   | 3 - 7               |       |
| NSKV 3/8   |        | 10061867 | NPT 3/8"   | 4.5 - 10            |       |
| NSKV 1/2   |        | 10061906 | NPT 1/2"   | 6 - 13              |       |
| NSKV 3/4   |        | 10061918 | NPT 3/4"   | 9 - 17              |       |
| NSKV 1     |        | 10061041 | NPT 1"     | 13 - 21             |       |
| NSKV 1 1/4 |        | 10061492 | NPT 1 1/4" | 16 - 28             |       |
| NSKV 1 1/2 |        | 10061501 | NPT 1 1/2" | 21 - 35             |       |
| NSKV 2     |        | 10061511 | NPT 2"     | 34 - 48             |       |

**Cable Glands - Plastic  
SPRINT - NPT with reduction insert, NSKV-RDE**

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C  
temperature range -40°C - 100°C, Gasket EPDM.

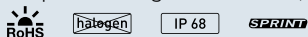


NSKV-RDE

| Type           | Colour | Code     | Size       | Clamping Range (mm) | Notes |
|----------------|--------|----------|------------|---------------------|-------|
| NSKV-RDE 1/4   |        | 10102679 | NPT 1/4"   | 1 - 7               |       |
| NSKV-RDE 3/8   |        | 10102680 | NPT 3/8"   | 2 - 10              |       |
| NSKV-RDE 1/2   |        | 10102681 | NPT 1/2"   | 4 - 13              |       |
| NSKV-RDE 3/4   |        | 10102682 | NPT 3/4"   | 7 - 17              |       |
| NSKV-RDE 1/4   |        | 10101982 | NPT 1/4"   | 1 - 7               |       |
| NSKV-RDE 3/8   |        | 10101983 | NPT 3/8"   | 2 - 10              |       |
| NSKV-RDE 1/2   |        | 10101984 | NPT 1/2"   | 4 - 13              |       |
| NSKV-RDE 3/4   |        | 10101985 | NPT 3/4"   | 7 - 17              |       |
| NSKV-RDE 1     |        | 10101986 | NPT 1"     | 9 - 21              |       |
| NSKV-RDE 1 1/4 |        | 10101990 | NPT 1 1/4" | 12 - 28             |       |
| NSKV-RDE 1 1/2 |        | 10101991 | NPT 1 1/2" | 16 - 35             |       |
| NSKV-RDE 2     |        | 10101992 | NPT 2"     | 28 - 48             |       |

**Cable Glands - Plastic  
SPRINT - NPT LowTemp, NSKV LT**

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C  
temperature range -60°C - 100°C, Gasket Silicone.



NSKV LT

Continued...

| Type          | Colour | Code     | Size       | Clamping Range (mm) | Notes |
|---------------|--------|----------|------------|---------------------|-------|
| NSKV 1/4 LT   |        | 10061513 | NPT 1/4"   | 3 - 7               |       |
| NSKV 3/8 LT   |        | 10061694 | NPT 3/8"   | 4.5 - 10            |       |
| NSKV 1/2 LT   |        | 10061861 | NPT 1/2"   | 6 - 13              |       |
| NSKV 3/4 LT   |        | 10061870 | NPT 3/4"   | 9 - 17              |       |
| NSKV 1 LT     |        | 10061909 | NPT 1"     | 13 - 21             |       |
| NSKV 1 1/4 LT |        | 10061952 | NPT 1 1/4" | 16 - 28             |       |
| NSKV 1 1/2 LT |        | 10061972 | NPT 1 1/2" | 21 - 35             |       |
| NSKV 2 LT     |        | 10061435 | NPT 2"     | 34 - 48             |       |
| NSKV 1/4 LT   |        | 10061495 | NPT 1/4"   | 3 - 7               |       |
| NSKV 3/8 LT   |        | 10061505 | NPT 3/8"   | 4.5 - 10            |       |
| NSKV 1/2 LT   |        | 10061514 | NPT 1/2"   | 6 - 13              |       |
| NSKV 3/4 LT   |        | 10061745 | NPT 3/4"   | 9 - 17              |       |
| NSKV 1 LT     |        | 10061862 | NPT 1"     | 13 - 21             |       |
| NSKV 1 1/4 LT |        | 10061910 | NPT 1 1/4" | 16 - 28             |       |
| NSKV 1 1/2 LT |        | 10061953 | NPT 1 1/2" | 21 - 35             |       |
| NSKV 2 LT     |        | 10061496 | NPT 2"     | 34 - 48             |       |

**Cable Glands - Plastic  
SPRINT - with Bend Protection, ESKVS**

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C  
temperature range -40°C - 100°C, Gasket EPDM.

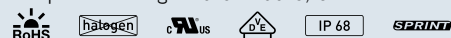


ESKVS

| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| ESKVS 12 |        | 10060757 | M12  | 3 - 7               |       |
| ESKVS 16 |        | 10060758 | M16  | 4.5 - 10            |       |
| ESKVS 20 |        | 10060759 | M20  | 6 - 13              |       |
| ESKVS 25 |        | 10060760 | M25  | 9 - 17              |       |
| ESKVS 32 |        | 10060761 | M32  | 13 - 21             |       |
| ESKVS 12 |        | 10061276 | M12  | 3 - 7               |       |
| ESKVS 16 |        | 10061277 | M16  | 4.5 - 10            |       |
| ESKVS 20 |        | 10061278 | M20  | 6 - 13              |       |
| ESKVS 25 |        | 10061279 | M25  | 9 - 17              |       |
| ESKVS 32 |        | 10061283 | M32  | 13 - 21             |       |

**Cable Glands - Plastic  
SPRINT - Long Thread with Bend Protection, ESKVS-L**

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C  
temperature range -40°C - 100°C, Gasket EPDM.



ESKVS-L

| Type       | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|------------|--------|----------|------|--------------------|---------------------|-------|
| ESKVS-L 12 |        | 10061210 | M12  | 15                 | 3 - 7               |       |
| ESKVS-L 16 |        | 10061211 | M16  | 15                 | 4.5 - 10            |       |
| ESKVS-L 20 |        | 10061212 | M20  | 15                 | 6 - 13              |       |
| ESKVS-L 25 |        | 10061213 | M25  | 15                 | 9 - 17              |       |
| ESKVS-L 32 |        | 10061214 | M32  | 15                 | 13 - 21             |       |
| ESKVS-L 12 |        | 10061215 | M12  | 15                 | 3 - 7               |       |
| ESKVS-L 16 |        | 10061216 | M16  | 15                 | 4.5 - 10            |       |
| ESKVS-L 20 |        | 10061217 | M20  | 15                 | 6 - 13              |       |
| ESKVS-L 25 |        | 10061219 | M25  | 15                 | 9 - 17              |       |
| ESKVS-L 32 |        | 10061220 | M32  | 15                 | 13 - 21             |       |

**Cable Glands - Plastic**

**SPRINT - PG with Bend Protection, SKVS**

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C temperature range -20°C · 80°C, Gasket EPDM.



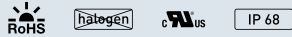
SKVS

| Type      | Colour | Code     | Size    | Clamping Range (mm) | Notes |
|-----------|--------|----------|---------|---------------------|-------|
| SKVS 7    |        | 10060615 | PG 7    | 3 · 6.5             |       |
| SKVS 9    |        | 10060616 | PG 9    | 4 · 8               |       |
| SKVS 11   |        | 10060617 | PG 11   | 5 · 10              |       |
| SKVS 13.5 |        | 10060618 | PG 13.5 | 6 · 12              |       |
| SKVS 16   |        | 10060619 | PG 16   | 10 · 14             |       |
| SKVS 21   |        | 10060620 | PG 21   | 13 · 18             |       |
| SKVS 7    |        | 10061871 | PG 7    | 3 · 6.5             |       |
| SKVS 9    |        | 10061872 | PG 9    | 4 · 8               |       |
| SKVS 11   |        | 10061873 | PG 11   | 5 · 10              |       |
| SKVS 13.5 |        | 10061874 | PG 13.5 | 6 · 12              |       |
| SKVS 16   |        | 10061875 | PG 16   | 10 · 14             |       |
| SKVS 21   |        | 10061876 | PG 21   | 13 · 18             |       |

**Cable Glands - Plastic**

**SPRINT - with External Strain Relief, ESKVZ**

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C temperature range -40°C · 100°C, Gasket EPDM.



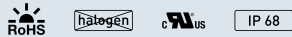
ESKVZ

| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| ESKVZ 12 |        | 10060722 | M12  | 3 · 7               |       |
| ESKVZ 16 |        | 10060723 | M16  | 4.5 · 10            |       |
| ESKVZ 20 |        | 10060724 | M20  | 6 · 13              |       |
| ESKVZ 25 |        | 10060725 | M25  | 9 · 17              |       |
| ESKVZ 32 |        | 10060727 | M32  | 13 · 21             |       |
| ESKVZ 12 |        | 10061475 | M12  | 3 · 7               |       |
| ESKVZ 16 |        | 10061476 | M16  | 4.5 · 10            |       |
| ESKVZ 20 |        | 10061477 | M20  | 6 · 13              |       |
| ESKVZ 25 |        | 10061478 | M25  | 9 · 17              |       |
| ESKVZ 32 |        | 10061479 | M32  | 13 · 21             |       |

**Cable Glands - Plastic**

**SPRINT - Long Thread with External Strain Relief, ESKVZ-L**

IP68 (5 bar 30 min) / IP69, Polyamide gland, glow wire test 750°C temperature range -40°C · 100°C, Gasket EPDM.



ESKVZ-L

| Type       | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|------------|--------|----------|------|--------------------|---------------------|-------|
| ESKVZ-L 12 |        | 10061465 | M12  | 15                 | 3 · 7               |       |
| ESKVZ-L 16 |        | 10061466 | M16  | 15                 | 4.5 · 10            |       |

Continued...

| Type       | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|------------|--------|----------|------|--------------------|---------------------|-------|
| ESKVZ-L 20 |        | 10061467 | M20  | 15                 | 6 · 13              |       |
| ESKVZ-L 25 |        | 10061468 | M25  | 15                 | 9 · 17              |       |
| ESKVZ-L 32 |        | 10061469 | M32  | 15                 | 13 · 21             |       |
| ESKVZ-L 12 |        | 10061470 | M12  | 15                 | 3 · 7               |       |
| ESKVZ-L 16 |        | 10061471 | M16  | 15                 | 4.5 · 10            |       |
| ESKVZ-L 20 |        | 10061472 | M20  | 15                 | 6 · 13              |       |
| ESKVZ-L 25 |        | 10061473 | M25  | 15                 | 9 · 17              |       |
| ESKVZ-L 32 |        | 10061474 | M32  | 15                 | 13 · 21             |       |

**Cable Glands - Plastic**

**PG with Strain Relief, SKV**

IP68 (5 bar 30 min), Polyamide gland, glow wire test 750°C temperature range -40°C · 100°C, Gasket EPDM.



SKV

| Type     | Colour | Code     | Size    | Clamping Range (mm) | Notes |
|----------|--------|----------|---------|---------------------|-------|
| SKV 7    |        | 10066400 | PG 7    | 3 · 6               |       |
| SKV 9    |        | 10066401 | PG 9    | 4 · 8               |       |
| SKV 11   |        | 10066402 | PG 11   | 5 · 10              |       |
| SKV 13.5 |        | 10066403 | PG 13.5 | 6 · 12              |       |
| SKV 16   |        | 10066404 | PG 16   | 8 · 14              |       |
| SKV 21   |        | 10066405 | PG 21   | 10 · 18             |       |
| SKV 29   |        | 10066406 | PG 29   | 16 · 25             |       |
| SKV 36   |        | 10066407 | PG 36   | 22 · 32             |       |
| SKV 42   |        | 10066408 | PG 42   | 28 · 38             |       |
| SKV 48   |        | 10066409 | PG 48   | 36 · 44             |       |
| SKV 7    |        | 10066191 | PG 7    | 3 · 6               |       |
| SKV 9    |        | 10066192 | PG 9    | 4 · 8               |       |
| SKV 11   |        | 10066193 | PG 11   | 5 · 10              |       |
| SKV 13.5 |        | 10066194 | PG 13.5 | 6 · 12              |       |
| SKV 16   |        | 10066195 | PG 16   | 8 · 14              |       |
| SKV 21   |        | 10066196 | PG 21   | 10 · 18             |       |
| SKV 29   |        | 10066197 | PG 29   | 16 · 25             |       |
| SKV 36   |        | 10066198 | PG 36   | 22 · 32             |       |
| SKV 42   |        | 10066199 | PG 42   | 28 · 38             |       |
| SKV 48   |        | 10066200 | PG 48   | 36 · 44             |       |
| SKV 7    |        | 10066001 | PG 7    | 3 · 6               |       |
| SKV 9    |        | 10066002 | PG 9    | 4 · 8               |       |
| SKV 11   |        | 10066003 | PG 11   | 5 · 10              |       |
| SKV 13.5 |        | 10066004 | PG 13.5 | 6 · 12              |       |
| SKV 16   |        | 10066005 | PG 16   | 8 · 14              |       |
| SKV 21   |        | 10066006 | PG 21   | 10 · 18             |       |
| SKV 29   |        | 10066007 | PG 29   | 16 · 25             |       |
| SKV 36   |        | 10066008 | PG 36   | 22 · 32             |       |
| SKV 42   |        | 10066009 | PG 42   | 28 · 38             |       |
| SKV 48   |        | 10101793 | PG 48   | 36 · 44             |       |



# CABLE GLANDS - BRASS

## Cable Glands - Brass SPRINT - Gland Packs, EMSKV

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C - 100°C, EMMU locknut.



EMSKV Gland Pack

| Type         | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| EMSKV-SET 12 | Brass  | 10065032 | M12  | 3 - 7               |       |
| EMSKV-SET 16 | Brass  | 10065033 | M16  | 4.5 - 10            |       |
| EMSKV-SET 20 | Brass  | 10065034 | M20  | 6 - 13              |       |
| EMSKV-SET 25 | Brass  | 10065035 | M25  | 9 - 17              |       |
| EMSKV-SET 32 | Brass  | 10065036 | M32  | 13 - 21             |       |
| EMSKV-SET 40 | Brass  | 10065037 | M40  | 16 - 28             |       |
| EMSKV-SET 50 | Brass  | 10065038 | M50  | 21 - 35             |       |
| EMSKV-SET 63 | Brass  | 10065039 | M63  | 34 - 48             |       |

## Cable Glands - Brass SPRINT - EMSKV

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C - 100°C.



EMSKV



| Type          | Colour | Code     | Size | Clamping Range (mm) | Notes |
|---------------|--------|----------|------|---------------------|-------|
| EMSKV 12      | Brass  | 10065000 | M12  | 3 - 7               |       |
| EMSKV 16      | Brass  | 10065001 | M16  | 4.5 - 10            |       |
| EMSKV 16 PLUS | Brass  | 10106372 | M16+ | 6 - 11              |       |
| EMSKV 20      | Brass  | 10065002 | M20  | 6 - 13              |       |
| EMSKV 25      | Brass  | 10065003 | M25  | 9 - 17              |       |
| EMSKV 25 PLUS | Brass  | 10103053 | M25+ | 13 - 18             |       |
| EMSKV 32      | Brass  | 10065004 | M32  | 13 - 21             |       |
| EMSKV 40      | Brass  | 10065005 | M40  | 16 - 28             |       |
| EMSKV 50      | Brass  | 10065006 | M50  | 21 - 35             |       |
| EMSKV 63      | Brass  | 10065007 | M63  | 34 - 48             |       |
| EMSKV 75      | Brass  | 10100865 | M75  | 48 - 62             |       |

## Cable Glands - Brass SPRINT - Long Thread, EMSKV-L

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C - 100°C.



EMSKV-L

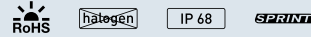
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| Type       | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|------------|--------|----------|------|--------------------|---------------------|-------|
| EMSKV-L 12 | Brass  | 10065008 | M12  | 12                 | 3 - 7               |       |
| EMSKV-L 16 | Brass  | 10065009 | M16  | 12                 | 4.5 - 10            |       |
| EMSKV-L 20 | Brass  | 10065010 | M20  | 12                 | 6 - 13              |       |
| EMSKV-L 25 | Brass  | 10065011 | M25  | 12                 | 9 - 17              |       |
| EMSKV-L 32 | Brass  | 10065012 | M32  | 15                 | 13 - 21             |       |
| EMSKV-L 40 | Brass  | 10065013 | M40  | 15                 | 16 - 28             |       |
| EMSKV-L 50 | Brass  | 10065014 | M50  | 15                 | 21 - 35             |       |
| EMSKV-L 63 | Brass  | 10065015 | M63  | 15                 | 34 - 48             |       |

## Cable Glands - Brass

### SPRINT - LowTemp, EMSKV LT

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket silicone, temperature range -60°C - 100°C.



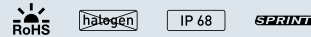
EMSKV LT

| Type        | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| EMSKV 12 LT | Brass  | 10065800 | M12  | 3 - 7               |       |
| EMSKV 16 LT | Brass  | 10065801 | M16  | 4.5 - 10            |       |
| EMSKV 20 LT | Brass  | 10065802 | M20  | 6 - 13              |       |
| EMSKV 25 LT | Brass  | 10065803 | M25  | 9 - 17              |       |
| EMSKV 32 LT | Brass  | 10065804 | M32  | 13 - 21             |       |
| EMSKV 40 LT | Brass  | 10065805 | M40  | 16 - 28             |       |
| EMSKV 50 LT | Brass  | 10065806 | M50  | 21 - 35             |       |
| EMSKV 63 LT | Brass  | 10065807 | M63  | 34 - 48             |       |
| EMSKV 75 LT | Brass  | 10109669 | M75  | 48 - 62             |       |

## Cable Glands - Brass

### SPRINT - Long Thread, LowTemp, EMSKV-L LT

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket silicone, temperature range -60°C - 100°C.



EMSKV-L LT

| Type          | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|---------------|--------|----------|------|--------------------|---------------------|-------|
| EMSKV-L 12 LT | Brass  | 10065808 | M12  | 12                 | 3 - 7               |       |
| EMSKV-L 16 LT | Brass  | 10065809 | M16  | 12                 | 4.5 - 10            |       |
| EMSKV-L 20 LT | Brass  | 10065810 | M20  | 12                 | 6 - 13              |       |
| EMSKV-L 25 LT | Brass  | 10065811 | M25  | 12                 | 9 - 17              |       |
| EMSKV-L 32 LT | Brass  | 10065812 | M32  | 15                 | 13 - 21             |       |
| EMSKV-L 40 LT | Brass  | 10065813 | M40  | 15                 | 16 - 28             |       |
| EMSKV-L 50 LT | Brass  | 10065814 | M50  | 15                 | 21 - 35             |       |
| EMSKV-L 63 LT | Brass  | 10065815 | M63  | 15                 | 34 - 48             |       |



**Cable Glands - Brass**  
**SPRINT - Enlarging Cable Gland, EMSKV**

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C - 100°C.



EMSKV

| Type        | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| EMSKV 12-16 | Brass  | 10101750 | M12  | 4.5 - 10            |       |
| EMSKV 16-20 | Brass  | 10101939 | M16  | 6 - 13              |       |
| EMSKV 20-25 | Brass  | 10065255 | M20  | 9 - 17              |       |
| EMSKV 25-32 | Brass  | 10065256 | M25  | 13 - 21             |       |
| EMSKV 32-40 | Brass  | 10101940 | M32  | 16 - 28             |       |
| EMSKV 40-50 | Brass  | 10101365 | M40  | 21 - 35             |       |
| EMSKV 50-63 | Brass  | 10101941 | M50  | 34 - 48             |       |
| EMSKV 63-75 | Brass  | 10101364 | M63  | 48 - 62             |       |

**Cable Glands - Brass**  
**SPRINT - NPT, NMSKV**

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C - 100°C.

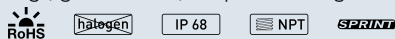


NMSKV

| Type        | Colour | Code     | Size       | Clamping Range (mm) | Notes |
|-------------|--------|----------|------------|---------------------|-------|
| NMSKV 1/4   | Brass  | 10065480 | NPT 1/4"   | 3 - 7               |       |
| NMSKV 3/8   | Brass  | 10065481 | NPT 3/8"   | 4.5 - 10            |       |
| NMSKV 1/2   | Brass  | 10065482 | NPT 1/2"   | 6 - 13              |       |
| NMSKV 3/4   | Brass  | 10065483 | NPT 3/4"   | 9 - 17              |       |
| NMSKV 1     | Brass  | 10065484 | NPT 1"     | 13 - 21             |       |
| NMSKV 1 1/4 | Brass  | 10065485 | NPT 1 1/4" | 16 - 28             |       |
| NMSKV 1 1/2 | Brass  | 10065486 | NPT 1 1/2" | 21 - 35             |       |
| NMSKV 2     | Brass  | 10065487 | NPT 2"     | 34 - 48             |       |

**Cable Glands - Brass**  
**SPRINT - PG, PMSKV**

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C - 100°C.



PMSKV

| Type       | Colour | Code     | Size | Clamping Range (mm) | Notes |
|------------|--------|----------|------|---------------------|-------|
| PMSKV 7-12 | Brass  | 10100677 | PG 7 | 3 - 7               |       |
| PMSKV 7-16 | Brass  | 10100678 | PG 7 | 4.5 - 10            |       |
| PMSKV 9-16 | Brass  | 10100490 | PG 9 | 4.5 - 10            |       |

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| Type          | Colour | Code     | Size    | Clamping Range (mm) | Notes |
|---------------|--------|----------|---------|---------------------|-------|
| PMSKV 11-16   | Brass  | 10100683 | PG 11   | 4.5 - 10            |       |
| PMSKV 11-20   | Brass  | 10100684 | PG 11   | 6 - 13              |       |
| PMSKV 13.5-20 | Brass  | 10100685 | PG 13.5 | 6 - 13              |       |
| PMSKV 13.5-25 | Brass  | 10100491 | PG 13.5 | 9 - 17              |       |
| PMSKV 16-20   | Brass  | 10100686 | PG 16   | 6 - 13              |       |
| PMSKV 16-25   | Brass  | 10100687 | PG 16   | 9 - 17              |       |
| PMSKV 21-25   | Brass  | 10100688 | PG 21   | 9 - 17              |       |
| PMSKV 21-32   | Brass  | 10100689 | PG 21   | 13 - 21             |       |
| PMSKV 29-40   | Brass  | 10100690 | PG 29   | 16 - 28             |       |
| PMSKV 36-50   | Brass  | 10100691 | PG 36   | 21 - 35             |       |
| PMSKV 42-50   | Brass  | 10100692 | PG 42   | 21 - 35             |       |
| PMSKV 48-63   | Brass  | 10100693 | PG 48   | 34 - 48             |       |

**Cable Glands - Brass**  
**SPRINT - PG, LowTemp, PMSKV LT**

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket silicone, temperature range -60°C - 100°C.

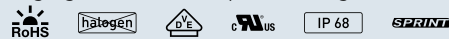


PMSKV LT

| Type             | Colour | Code     | Size    | Clamping Range (mm) | Notes |
|------------------|--------|----------|---------|---------------------|-------|
| PMSKV 7-12 LT    | Brass  | 10107521 | PG 7    | 3 - 7               |       |
| PMSKV 7-16 LT    | Brass  | 10107522 | PG 7    | 4.5 - 10            |       |
| PMSKV 9-16 LT    | Brass  | 10107523 | PG 9    | 4.5 - 10            |       |
| PMSKV 11-16 LT   | Brass  | 10107524 | PG 11   | 4.5 - 10            |       |
| PMSKV 11-20 LT   | Brass  | 10107525 | PG 11   | 6 - 13              |       |
| PMSKV 13.5-20 LT | Brass  | 10107526 | PG 13.5 | 6 - 13              |       |
| PMSKV 13.5-25 LT | Brass  | 10107527 | PG 13.5 | 9 - 17              |       |
| PMSKV 16-20 LT   | Brass  | 10107528 | PG 16   | 6 - 13              |       |
| PMSKV 16-25 LT   | Brass  | 10107529 | PG 16   | 9 - 17              |       |
| PMSKV 21-25 LT   | Brass  | 10107530 | PG 21   | 9 - 17              |       |
| PMSKV 21-32 LT   | Brass  | 10107531 | PG 21   | 13 - 21             |       |
| PMSKV 29-40 LT   | Brass  | 10107532 | PG 29   | 16 - 28             |       |
| PMSKV 36-50 LT   | Brass  | 10107533 | PG 36   | 21 - 35             |       |
| PMSKV 42-50 LT   | Brass  | 10107534 | PG 42   | 21 - 35             |       |
| PMSKV 48-63 LT   | Brass  | 10107535 | PG 48   | 34 - 48             |       |

**Cable Glands - Brass**  
**SPRINT - with Bend Protection, EMSKVS**

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C - 100°C.



EMSKVS

| Type      | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-----------|--------|----------|------|---------------------|-------|
| EMSKVS 16 | Brass  | 10065831 | M16  | 4.5 - 10            |       |
| EMSKVS 20 | Brass  | 10065832 | M20  | 6 - 13              |       |
| EMSKVS 25 | Brass  | 10065833 | M25  | 9 - 17              |       |
| EMSKVS 32 | Brass  | 10065834 | M32  | 13 - 21             |       |
| EMSKVS 40 | Brass  | 10065835 | M40  | 16 - 28             |       |
| EMSKVS 50 | Brass  | 10065836 | M50  | 21 - 35             |       |
| EMSKVS 63 | Brass  | 10065837 | M63  | 34 - 48             |       |

### Cable Glands - Brass

#### SPRINT - Long Thread with Bend Protection, EMSKVS-L

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C · 100°C.



EMSKVS-L

| Type        | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|------------------|---------------------|-------|
| EMSKVS-L 16 | Brass  | 10065851 | M16  | 12               | 4.5 · 10            |       |
| EMSKVS-L 20 | Brass  | 10065852 | M20  | 12               | 6 · 13              |       |
| EMSKVS-L 25 | Brass  | 10065853 | M25  | 12               | 9 · 17              |       |
| EMSKVS-L 32 | Brass  | 10065854 | M32  | 15               | 13 · 21             |       |
| EMSKVS-L 40 | Brass  | 10065855 | M40  | 15               | 16 · 28             |       |
| EMSKVS-L 50 | Brass  | 10065856 | M50  | 15               | 21 · 35             |       |
| EMSKVS-L 63 | Brass  | 10065857 | M63  | 15               | 34 · 48             |       |

### Cable Glands - Brass

#### SPRINT - with External Strain Relief, EMSKVZ

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C · 100°C.



EMSKVZ

| Type      | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-----------|--------|----------|------|---------------------|-------|
| EMSKVZ 16 | Brass  | 10065351 | M16  | 4.5 · 10            |       |
| EMSKVZ 20 | Brass  | 10065352 | M20  | 6 · 13              |       |
| EMSKVZ 25 | Brass  | 10065353 | M25  | 9 · 17              |       |
| EMSKVZ 32 | Brass  | 10065354 | M32  | 13 · 21             |       |
| EMSKVZ 40 | Brass  | 10065355 | M40  | 16 · 28             |       |
| EMSKVZ 50 | Brass  | 10065356 | M50  | 21 · 35             |       |
| EMSKVZ 63 | Brass  | 10065357 | M63  | 34 · 48             |       |

### Cable Glands - Brass

#### SPRINT - Long Thread with External Strain Relief, EMSKVZ-L

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket EPDM, temperature range -40°C · 100°C.



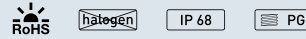
EMSKVZ-L

| Type        | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|------------------|---------------------|-------|
| EMSKVZ-L 16 | Brass  | 10065860 | M16  | 12               | 4.5 · 10            |       |
| EMSKVZ-L 20 | Brass  | 10065861 | M20  | 12               | 6 · 13              |       |
| EMSKVZ-L 25 | Brass  | 10065862 | M25  | 12               | 9 · 17              |       |
| EMSKVZ-L 32 | Brass  | 10065863 | M32  | 15               | 13 · 21             |       |
| EMSKVZ-L 40 | Brass  | 10065864 | M40  | 15               | 16 · 28             |       |
| EMSKVZ-L 50 | Brass  | 10065865 | M50  | 15               | 21 · 35             |       |
| EMSKVZ-L 63 | Brass  | 10065866 | M63  | 15               | 34 · 48             |       |

### Cable Glands - Brass

#### PG, MSKV

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, polyamide clamping cage, gasket TPV, temperature range -40°C · 100°C.



MSKV

| Type      | Colour | Code     | Size    | Clamping Range (mm) | Notes |
|-----------|--------|----------|---------|---------------------|-------|
| MSKV 7    | Brass  | 10062281 | PG 7    | 3 · 6.5             |       |
| MSKV 9    | Brass  | 10062282 | PG 9    | 4 · 8               |       |
| MSKV 11   | Brass  | 10062283 | PG 11   | 5 · 10              |       |
| MSKV 13,5 | Brass  | 10062284 | PG 13.5 | 6 · 12              |       |
| MSKV 16   | Brass  | 10062285 | PG 16   | 10 · 14             |       |
| MSKV 21   | Brass  | 10062286 | PG 21   | 13 · 18             |       |
| MSKV 29   | Brass  | 10062287 | PG 29   | 18 · 25             |       |
| MSKV 36   | Brass  | 10062288 | PG 36   | 22 · 32             |       |
| MSKV 42   | Brass  | 10062289 | PG 42   | 30 · 38             |       |
| MSKV 48   | Brass  | 10062290 | PG 48   | 34 · 44             |       |

## CABLE GLANDS - STAINLESS STEEL

### Cable Glands - Stainless Steel

#### SPRINT - Stainless Steel 1.4305, ESSKV

IP68 (5 bar 30 min) / IP69, Stainless steel A2 (1.4305) gland, polyamide clamping cage, gasket EPDM, temperature range -40°C · 100°C.



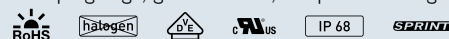
ESSKV

| Type     | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------|-----------------|----------|------|---------------------|-------|
| ESSKV 12 | Stainless Steel | 10069000 | M12  | 3 · 7               |       |
| ESSKV 16 | Stainless Steel | 10069001 | M16  | 4.5 · 10            |       |
| ESSKV 20 | Stainless Steel | 10069002 | M20  | 6 · 13              |       |
| ESSKV 25 | Stainless Steel | 10069003 | M25  | 9 · 17              |       |
| ESSKV 32 | Stainless Steel | 10069004 | M32  | 13 · 21             |       |
| ESSKV 40 | Stainless Steel | 10069005 | M40  | 16 · 28             |       |
| ESSKV 50 | Stainless Steel | 10069006 | M50  | 21 · 35             |       |
| ESSKV 63 | Stainless Steel | 10069007 | M63  | 34 · 48             |       |

### Cable Glands - Stainless Steel

#### SPRINT - Stainless Steel 1.4404, ESSKV-4

IP68 (5 bar 30 min) / IP69, Stainless steel A4 (1.4404) gland, polyamide clamping cage, gasket EPDM, temperature range -40°C · 100°C.



ESSKV-4

| Type       | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|------------|-----------------|----------|------|---------------------|-------|
| ESSKV-4 12 | Stainless Steel | 10069100 | M12  | 3 · 7               |       |

Continued...

BRACE SYSTEM

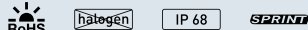
| Type       | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|------------|-----------------|----------|------|---------------------|-------|
| ESSKV-4 16 | Stainless Steel | 10069101 | M16  | 4.5 - 10            |       |
| ESSKV-4 20 | Stainless Steel | 10069102 | M20  | 6 - 13              |       |
| ESSKV-4 25 | Stainless Steel | 10069103 | M25  | 9 - 17              |       |
| ESSKV-4 32 | Stainless Steel | 10069104 | M32  | 13 - 21             |       |
| ESSKV-4 40 | Stainless Steel | 10069105 | M40  | 16 - 28             |       |
| ESSKV-4 50 | Stainless Steel | 10069106 | M50  | 21 - 35             |       |
| ESSKV-4 63 | Stainless Steel | 10069107 | M63  | 34 - 48             |       |

JOINTS

**Cable Glands - Stainless Steel**

**SPRINT - LowTemp Stainless Steel 1.4305, ESSKV LT**

IP68 (5 bar 30 min) / IP69, Stainless steel A2 (1.4305) gland, polyamide clamping cage, gasket silicone, temperature range -60°C - 100°C.



ESSKV LT

| Type        | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-------------|-----------------|----------|------|---------------------|-------|
| ESSKV 12 LT | Stainless Steel | 10065962 | M12  | 3 - 7               |       |
| ESSKV 16 LT | Stainless Steel | 10065963 | M16  | 4.5 - 10            |       |
| ESSKV 20 LT | Stainless Steel | 10065964 | M20  | 6 - 13              |       |
| ESSKV 25 LT | Stainless Steel | 10065965 | M25  | 9 - 17              |       |
| ESSKV 32 LT | Stainless Steel | 10065966 | M32  | 13 - 21             |       |
| ESSKV 40 LT | Stainless Steel | 10065967 | M40  | 16 - 28             |       |
| ESSKV 50 LT | Stainless Steel | 10065968 | M50  | 21 - 35             |       |
| ESSKV 63 LT | Stainless Steel | 10065969 | M63  | 34 - 48             |       |

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

JUNCTION BOXES

LIGHTING

TECHNICAL DATA

**Cable Glands - Stainless Steel**

**SPRINT - LowTemp Stainless Steel 1.4404, ESSKV-4 LT**

IP68 (5 bar 30 min) / IP69, Stainless steel A4 (1.4404) gland, polyamide clamping cage, gasket silicone, temperature range -60°C - 100°C.



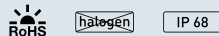
ESSKV LT

| Type          | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|---------------|-----------------|----------|------|---------------------|-------|
| ESSKV-4 12 LT | Stainless Steel | 10065881 | M12  | 3 - 7               |       |
| ESSKV-4 16 LT | Stainless Steel | 10065882 | M16  | 4.5 - 10            |       |
| ESSKV-4 20 LT | Stainless Steel | 10065883 | M20  | 6 - 13              |       |
| ESSKV-4 25 LT | Stainless Steel | 10065884 | M25  | 9 - 17              |       |
| ESSKV-4 32 LT | Stainless Steel | 10065885 | M32  | 13 - 21             |       |
| ESSKV-4 40 LT | Stainless Steel | 10065886 | M40  | 16 - 28             |       |
| ESSKV-4 50 LT | Stainless Steel | 10065887 | M50  | 21 - 35             |       |
| ESSKV-4 63 LT | Stainless Steel | 10065888 | M63  | 34 - 48             |       |

**Cable Glands - Stainless Steel**

**Hygienic Design, HatGLAND, HGSM**

IP68 (5 bar 30 min) / IP69, Stainless steel A2 (1.4305) gland, gasket EPDM, temperature range -40°C - 120°C, includes sealing rings and locknut.



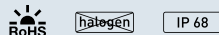
HGSM

| Type           | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------|-----------------|----------|------|---------------------|-------|
| HGSM 12-E pack | Stainless Steel | 10101853 | M12  | 2 - 5               |       |
| HGSM 16-E pack | Stainless Steel | 10101854 | M16  | 2 - 9               |       |
| HGSM 20-E pack | Stainless Steel | 10101855 | M20  | 3 - 12              |       |
| HGSM 25-E pack | Stainless Steel | 10101856 | M25  | 4 - 16              |       |
| HGSM 32-E pack | Stainless Steel | 10101857 | M32  | 9 - 23              |       |
| HGSM 40-E pack | Stainless Steel | 10101858 | M40  | 16 - 29             |       |
| HGSM 50-E pack | Stainless Steel | 10101859 | M50  | 26 - 38             |       |
| HGSM 63-E pack | Stainless Steel | 10101860 | M63  | 32 - 49             |       |

**Cable Glands - Stainless Steel**

**Hygienic Design, HatGLAND, Food, HGSM FD**

IP68 (5 bar 30 min) / IP69, Stainless steel A2 (1.4305) gland, gasket silicone, includes sealing rings and locknut, -60 °C - 180 °C



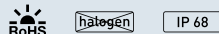
HGSM FD

| Type            | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-----------------|-----------------|----------|------|---------------------|-------|
| HGSM 12 FD pack | Stainless Steel | 10103623 | M12  | 2 - 5               |       |
| HGSM 16 FD pack | Stainless Steel | 10103624 | M16  | 2 - 9               |       |
| HGSM 20 FD pack | Stainless Steel | 10103625 | M20  | 3 - 12              |       |
| HGSM 25 FD pack | Stainless Steel | 10103626 | M25  | 4 - 16              |       |
| HGSM 32 FD pack | Stainless Steel | 10103627 | M32  | 9 - 23              |       |
| HGSM 40 FD pack | Stainless Steel | 10103628 | M40  | 16 - 29             |       |
| HGSM 50 FD pack | Stainless Steel | 10103629 | M50  | 26 - 38             |       |
| HGSM 63 FD pack | Stainless Steel | 10103630 | M63  | 32 - 49             |       |

**Cable Glands - Stainless Steel**

**Hygienic Design, HatGLAND, Low Temperature -60°C - 180°C, HGSM LT**

IP68 (5 bar 30 min) / IP69, Stainless steel A2 (1.4305) gland, gasket silicone, includes sealing rings and locknut, low temperature -60 °C - 180 °C



HGSM LT

| Type            | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-----------------|-----------------|----------|------|---------------------|-------|
| HGSM 12-LT pack | Stainless Steel | 10102116 | M12  | 2 - 5               |       |
| HGSM 16-LT pack | Stainless Steel | 10102117 | M16  | 2 - 9               |       |
| HGSM 20-LT pack | Stainless Steel | 10102118 | M20  | 3 - 12              |       |

Continued...

| Type            | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-----------------|-----------------|----------|------|---------------------|-------|
| HGSM 25-LT pack | Stainless Steel | 10102119 | M25  | 4 - 16              |       |
| HGSM 32-LT pack | Stainless Steel | 10102120 | M32  | 9 - 23              |       |
| HGSM 40-LT pack | Stainless Steel | 10102121 | M40  | 16 - 29             |       |
| HGSM 50-LT pack | Stainless Steel | 10102122 | M50  | 26 - 38             |       |
| HGSM 63-LT pack | Stainless Steel | 10102123 | M63  | 32 - 49             |       |

## CABLE GLANDS - ZINC

### Cable Glands - Zinc

#### SPRINT - Zinc, MARATHON, EZMGV-L

IP66 / IP68, gland zinc nickel-plated, clamping cage polyamide /TPE, gasket EPDM, temperature range -40°C - 80°C



EZMGV-L

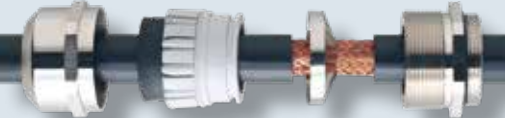
| Type       | Colour | Code     | Size | Clamping Range (mm) | Notes |
|------------|--------|----------|------|---------------------|-------|
| EZMGV-L 20 | Zinc   | 10108742 | M20  | 6 - 13              |       |

## CABLE GLANDS - EMC

### Cable Glands - EMC

#### SPRINT - Brass, Contact Spring Insert, EN 62444, EMSKV EMV-S

IP68 (5 bar 30 min) / IP69, gland brass nickel-plated, clamping cage polyamide, gasket EPDM, contact spring insert Stainless steel 1.4310, temperature range -40°C - 100°C.



EMSKV EMV-S

| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMSKV 12 EMV-S | Brass  | 10102273 | M12  | 3 - 7               |       |
| EMSKV 16 EMV-S | Brass  | 10102274 | M16  | 4.5 - 10            |       |
| EMSKV 20 EMV-S | Brass  | 10102275 | M20  | 6 - 13              |       |
| EMSKV 25 EMV-S | Brass  | 10102276 | M25  | 9 - 17              |       |
| EMSKV 32 EMV-S | Brass  | 10102277 | M32  | 13 - 21             |       |
| EMSKV 40 EMV-S | Brass  | 10102278 | M40  | 16 - 28             |       |
| EMSKV 50 EMV-S | Brass  | 10102279 | M50  | 21 - 35             |       |
| EMSKV 63 EMV-S | Brass  | 10102280 | M63  | 34 - 48             |       |

### Cable Glands - EMC

#### SPRINT - Brass, Contact Spring Insert, Long Thread EN 62444, EMSKV-L EMV-S

IP68 (5 bar 30 min) / IP69, gland brass nickel-plated, clamping cage polyamide, gasket EPDM, contact spring insert Stainless steel 1.4310, temperature range -40°C - 100°C.



EMSKV-L EMV-S

| Type             | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|------------------|--------|----------|------|------------------|---------------------|-------|
| EMSKV-L 12 EMV-S | Brass  | 10102645 | M12  | 12               | 3 - 7               |       |

Continued...

| Type             | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|------------------|--------|----------|------|------------------|---------------------|-------|
| EMSKV-L 16 EMV-S | Brass  | 10102646 | M16  | 12               | 4.5 - 10            |       |
| EMSKV-L 20 EMV-S | Brass  | 10102647 | M20  | 12               | 6 - 13              |       |
| EMSKV-L 25 EMV-S | Brass  | 10102648 | M25  | 12               | 9 - 17              |       |
| EMSKV-L 32 EMV-S | Brass  | 10102649 | M32  | 15               | 13 - 21             |       |
| EMSKV-L 40 EMV-S | Brass  | 10102650 | M40  | 15               | 16 - 28             |       |
| EMSKV-L 50 EMV-S | Brass  | 10102651 | M50  | 15               | 21 - 35             |       |
| EMSKV-L 63 EMV-S | Brass  | 10102652 | M63  | 15               | 34 - 48             |       |

### Cable Glands - EMC

#### SPRINT - Brass, Earthing Cones DIN 89345, EN 62444, EMSKV EMV-Z

IP68 (5 bar 30 min) / IP69, gland brass nickel-plated, clamping cage polyamide, gasket EPDM, earthing cones Brass chromium-plated, temperature range -40°C - 100°C.



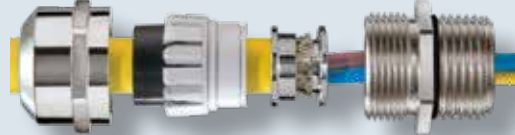
EMSKV EMV-Z

| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMSKV 12 EMV-Z | Brass  | 10065016 | M12  | 3 - 7               |       |
| EMSKV 16 EMV-Z | Brass  | 10065017 | M16  | 4.5 - 10            |       |
| EMSKV 20 EMV-Z | Brass  | 10065018 | M20  | 6 - 13              |       |
| EMSKV 25 EMV-Z | Brass  | 10065019 | M25  | 9 - 17              |       |
| EMSKV 32 EMV-Z | Brass  | 10065020 | M32  | 13 - 21             |       |
| EMSKV 40 EMV-Z | Brass  | 10065021 | M40  | 16 - 28             |       |
| EMSKV 50 EMV-Z | Brass  | 10065022 | M50  | 21 - 35             |       |
| EMSKV 63 EMV-Z | Brass  | 10065023 | M63  | 34 - 48             |       |
| EMSKV 75 EMV-Z | Brass  | 10100963 | M75  | 38 - 62             |       |

### Cable Glands - EMC

#### SPRINT - Brass, Earthing Cones DIN 89345, Long Thread, EN 62444, EMSKV-L EMV-Z

IP68 (5 bar 30 min) / IP69, gland brass nickel-plated, clamping cage polyamide, gasket EPDM, earthing cones Brass chromium-plated, temperature range -40°C - 100°C.



EMSKV-L EMV-Z

| Type             | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|------------------|--------|----------|------|------------------|---------------------|-------|
| EMSKV-L 12 EMV-Z | Brass  | 10065182 | M12  | 12               | 3 - 7               |       |
| EMSKV-L 16 EMV-Z | Brass  | 10065183 | M16  | 12               | 4.5 - 10            |       |
| EMSKV-L 20 EMV-Z | Brass  | 10065184 | M20  | 12               | 6 - 13              |       |
| EMSKV-L 25 EMV-Z | Brass  | 10065185 | M25  | 12               | 9 - 17              |       |
| EMSKV-L 32 EMV-Z | Brass  | 10065186 | M32  | 15               | 13 - 21             |       |
| EMSKV-L 40 EMV-Z | Brass  | 10065187 | M40  | 15               | 16 - 28             |       |
| EMSKV-L 50 EMV-Z | Brass  | 10065188 | M50  | 15               | 21 - 35             |       |
| EMSKV-L 63 EMV-Z | Brass  | 10065189 | M63  | 15               | 34 - 48             |       |

### Cable Glands - EMC

#### SPRINT - Brass, LowTemp, Earthing Cones DIN 89345, EN 62444, EMSKV LT EMV-Z

IP68 (5 bar 30 min) / IP69, gland brass nickel-plated, clamping cage polyamide, gasket silicone, earthing cones Brass chromium-plated, low temperature -60°C - 100°C



EMSKV LT EMV-Z

| Type              | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|--------|----------|------|---------------------|-------|
| EMSKV 12 LT EMV-Z | Brass  | 10105938 | M12  | 3 - 7               |       |
| EMSKV 16 LT EMV-Z | Brass  | 10105356 | M16  | 4.5 - 10            |       |



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| Type              | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|--------|----------|------|---------------------|-------|
| EMSKV 20 LT EMV-Z | Brass  | 10104931 | M20  | 6 - 13              |       |
| EMSKV 25 LT EMV-Z | Brass  | 10065819 | M25  | 9 - 17              |       |
| EMSKV 32 LT EMV-Z | Brass  | 10105138 | M32  | 13 - 21             |       |
| EMSKV 40 LT EMV-Z | Brass  | 10065821 | M40  | 16 - 28             |       |
| EMSKV 50 LT EMV-Z | Brass  | 10065822 | M50  | 21 - 35             |       |
| EMSKV 63 LT EMV-Z | Brass  | 10104932 | M63  | 34 - 48             |       |

**Cable Glands - EMC**  
**SPRINT - Brass, Enlarging Glands, Earthing Cones DIN 89345, EN 62444, EMSKV EMV-Z**  
 IP68 (5 bar 30 min) / IP69, gland brass nickel-plated, clamping cage polyamide, gasket EPDM, earthing cones Brass chromium-plated, temperature range -40°C - 100°C.



EMSKV EMV-Z

| Type              | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|--------|----------|------|---------------------|-------|
| EMSKV 20-25 EMV-Z | Brass  | 10065257 | M20  | 9 - 17              |       |
| EMSKV 25-32 EMV-Z | Brass  | 10065258 | M25  | 13 - 21             |       |
| EMSKV 32-40 EMV-Z | Brass  | 10104358 | M32  | 16 - 28             |       |
| EMSKV 63-75 EMV-Z | Brass  | 10103318 | M63  | 48 - 63             |       |

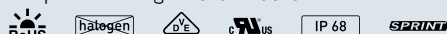
**Cable Glands - EMC**  
**SPRINT - Stainless Steel A2 (1.4305), Contact Spring Insert, EN 62444, ESSKV EMV-S**  
 IP68 (5 bar 30 min) / IP69, Gland Stainless Steel A2 (1.4305), clamping cage Polyamide, Gasket EPDM, contact spring insert stainless steel 1.4310, temperature range -40°C - 100°C.



ESSKV EMV-S

| Type           | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------|-----------------|----------|------|---------------------|-------|
| ESSKV 12 EMV-S | Stainless Steel | 10106111 | M12  | 3 - 7               |       |
| ESSKV 16 EMV-S | Stainless Steel | 10104385 | M16  | 4.5 - 10            |       |
| ESSKV 20 EMV-S | Stainless Steel | 10105085 | M20  | 6 - 13              |       |
| ESSKV 25 EMV-S | Stainless Steel | 10106112 | M25  | 9 - 17              |       |
| ESSKV 32 EMV-S | Stainless Steel | 10106113 | M32  | 13 - 21             |       |
| ESSKV 40 EMV-S | Stainless Steel | 10106114 | M40  | 16 - 28             |       |
| ESSKV 50 EMV-S | Stainless Steel | 10106098 | M50  | 21 - 35             |       |
| ESSKV 63 EMV-S | Stainless Steel | 10106115 | M63  | 34 - 48             |       |

**Cable Glands - EMC**  
**SPRINT - Stainless Steel A2 (1.4305), Earthing Cones DIN 89345, EN 62444, ESSKV EMV-Z**  
 IP68 (5 bar 30 min) / IP69, Gland Stainless Steel A2 (1.4305), clamping cage Polyamide, Gasket EPDM, earthing cones Brass chromium-plated, temperature range -40°C - 100°C.



ESSKV EMV-Z

| Type           | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------|-----------------|----------|------|---------------------|-------|
| ESSKV 12 EMV-Z | Stainless Steel | 10069016 | M12  | 3 - 7               |       |
| ESSKV 16 EMV-Z | Stainless Steel | 10069017 | M16  | 4.5 - 10            |       |

Continued...

| Type           | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------|-----------------|----------|------|---------------------|-------|
| ESSKV 20 EMV-Z | Stainless Steel | 10069018 | M20  | 6 - 13              |       |
| ESSKV 25 EMV-Z | Stainless Steel | 10069019 | M25  | 9 - 17              |       |
| ESSKV 32 EMV-Z | Stainless Steel | 10069020 | M32  | 13 - 21             |       |
| ESSKV 40 EMV-Z | Stainless Steel | 10069021 | M40  | 16 - 28             |       |
| ESSKV 50 EMV-Z | Stainless Steel | 10069022 | M50  | 21 - 35             |       |
| ESSKV 63 EMV-Z | Stainless Steel | 10069023 | M63  | 34 - 48             |       |

**Cable Glands - EMC**  
**SPRINT - Stainless Steel A4 (1.4404), Earthing Cones DIN 89345, EN 62444, ESSKV-4 EMV-Z**  
 IP68 (5 bar 30 min) / IP69, Gland Stainless Steel A4 (1.4404), clamping cage Polyamide, Gasket EPDM, earthing cones Brass chromium-plated, temperature range -40°C - 100°C.



ESSKV-4 EMV-Z

| Type             | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|------------------|-----------------|----------|------|---------------------|-------|
| ESSKV-4 12 EMV-Z | Stainless Steel | 10069116 | M12  | 3 - 7               |       |
| ESSKV-4 16 EMV-Z | Stainless Steel | 10069117 | M16  | 4.5 - 10            |       |
| ESSKV-4 20 EMV-Z | Stainless Steel | 10069118 | M20  | 6 - 13              |       |
| ESSKV-4 25 EMV-Z | Stainless Steel | 10069119 | M25  | 9 - 17              |       |
| ESSKV-4 32 EMV-Z | Stainless Steel | 10069120 | M32  | 13 - 21             |       |
| ESSKV-4 40 EMV-Z | Stainless Steel | 10069121 | M40  | 16 - 28             |       |
| ESSKV-4 50 EMV-Z | Stainless Steel | 10069122 | M50  | 21 - 35             |       |
| ESSKV-4 63 EMV-Z | Stainless Steel | 10069123 | M63  | 34 - 48             |       |

**Cable Glands - EMC**  
**SPRINT - Stainless Steel A2 (1.4305), LowTemp, Earthing Cones DIN 89345, EN 62444, ESSKV LT EMV-Z**  
 IP68 (5 bar 30 min) / IP69, Gland Stainless Steel A2 (1.4305), clamping cage Polyamide, Gasket silicone, earthing cones Brass chromium-plated, low temperature -60°C - 100°C



ESSKV LT EMV-Z

| Type              | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|-----------------|----------|------|---------------------|-------|
| ESSKV 12 LT EMV-Z | Stainless Steel | 10065954 | M12  | 3 - 7               |       |
| ESSKV 16 LT EMV-Z | Stainless Steel | 10065955 | M16  | 4.5 - 10            |       |
| ESSKV 20 LT EMV-Z | Stainless Steel | 10065956 | M20  | 6 - 13              |       |
| ESSKV 25 LT EMV-Z | Stainless Steel | 10065957 | M25  | 9 - 17              |       |
| ESSKV 32 LT EMV-Z | Stainless Steel | 10065958 | M32  | 13 - 21             |       |
| ESSKV 40 LT EMV-Z | Stainless Steel | 10065959 | M40  | 16 - 28             |       |
| ESSKV 50 LT EMV-Z | Stainless Steel | 10065960 | M50  | 21 - 35             |       |
| ESSKV 63 LT EMV-Z | Stainless Steel | 10065961 | M63  | 34 - 48             |       |

**Cable Glands - EMC**  
**SPRINT - Stainless Steel A4 (1.4404), LowTemp, Earthing Cones DIN 89345, EN 62444, ESSKV-4 LT EMV-Z**  
 IP68 (5 bar 30 min) / IP69, Gland Stainless Steel A4 (1.4404), clamping cage Polyamide, Gasket silicone, earthing cones Brass chromium-plated, low temperature -60°C - 100°C



ESSKV-4 LT EMV-Z

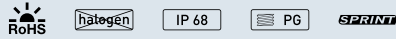


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| Type                | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|---------------------|-----------------|----------|------|---------------------|-------|
| ESSKV-4 12 LT EMV-Z | Stainless Steel | 10065873 | M12  | 3 - 7               |       |
| ESSKV-4 16 LT EMV-Z | Stainless Steel | 10065874 | M16  | 4.5 - 10            |       |
| ESSKV-4 20 LT EMV-Z | Stainless Steel | 10065875 | M20  | 6 - 13              |       |
| ESSKV-4 25 LT EMV-Z | Stainless Steel | 10065876 | M25  | 9 - 17              |       |
| ESSKV-4 32 LT EMV-Z | Stainless Steel | 10065877 | M32  | 13 - 21             |       |
| ESSKV-4 40 LT EMV-Z | Stainless Steel | 10065878 | M40  | 16 - 28             |       |
| ESSKV-4 50 LT EMV-Z | Stainless Steel | 10065879 | M50  | 21 - 35             |       |
| ESSKV-4 63 LT EMV-Z | Stainless Steel | 10065880 | M63  | 34 - 48             |       |

**Cable Glands - EMC**

**SPRINT - Brass, Earthing Cones DIN 89345, PG, PMSKV EMV-Z**  
IP68 (5 bar 30 min) / IP69, Gland Brass nickel-plated, clamping cage Polyamide, Gasket EPDM, earthing cones Brass chromium-plated, temperature range -40°C - 100°C.

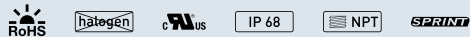


PMSKV EMV-Z

| Type                | Colour | Code     | Size    | Clamping Range (mm) | Notes |
|---------------------|--------|----------|---------|---------------------|-------|
| PMSKV 7-12 EMV-Z    | Brass  | 10100694 | PG 7    | 3 - 7               |       |
| PMSKV 7-16 EMV-Z    | Brass  | 10100695 | PG 7    | 4.5 - 10            |       |
| PMSKV 9-16 EMV-Z    | Brass  | 10101011 | PG 9    | 4.5 - 10            |       |
| PMSKV 11-16 EMV-Z   | Brass  | 10100696 | PG 11   | 4.5 - 10            |       |
| PMSKV 11-20 EMV-Z   | Brass  | 10100697 | PG 11   | 6 - 13              |       |
| PMSKV 13.5-20 EMV-Z | Brass  | 10100698 | PG 13.5 | 6 - 13              |       |
| PMSKV 13.5-25 EMV-Z | Brass  | 10101196 | PG 13.5 | 9 - 17              |       |
| PMSKV 16-20 EMV-Z   | Brass  | 10100699 | PG 16   | 6 - 13              |       |
| PMSKV 16-25 EMV-Z   | Brass  | 10100700 | PG 16   | 9 - 17              |       |
| PMSKV 21-25 EMV-Z   | Brass  | 10100701 | PG 21   | 9 - 17              |       |
| PMSKV 21-32 EMV-Z   | Brass  | 10100702 | PG 21   | 13 - 21             |       |
| PMSKV 29-40 EMV-Z   | Brass  | 10100703 | PG 29   | 16 - 28             |       |
| PMSKV 36-50 EMV-Z   | Brass  | 10100704 | PG 36   | 21 - 35             |       |
| PMSKV 42-50 EMV-Z   | Brass  | 10100705 | PG 42   | 21 - 35             |       |
| PMSKV 48-63 EMV-Z   | Brass  | 10100706 | PG 48   | 34 - 48             |       |

**Cable Glands - EMC**

**SPRINT - Brass, Earthing Cones DIN 89345, NPT, NMSKV EMV-Z**  
IP68 (5 bar 30 min) / IP69, Gland Brass nickel-plated, clamping cage Polyamide, Gasket EPDM, earthing cones Brass chromium-plated, temperature range -40°C - 100°C.



NMSKV EMV-Z

| Type              | Colour | Code     | Size       | Clamping Range (mm) | Notes |
|-------------------|--------|----------|------------|---------------------|-------|
| NMSKV 1/4 EMV-Z   | Brass  | 10065488 | NPT 1/4"   | 3 - 7               |       |
| NMSKV 3/8 EMV-Z   | Brass  | 10065489 | NPT 3/8"   | 4.5 - 10            |       |
| NMSKV 1/2 EMV-Z   | Brass  | 10065490 | NPT 1/2"   | 6 - 13              |       |
| NMSKV 3/4 EMV-Z   | Brass  | 10065491 | NPT 3/4"   | 9 - 17              |       |
| NMSKV 1 EMV-Z     | Brass  | 10065492 | NPT 1"     | 13 - 21             |       |
| NMSKV 1 1/4 EMV-Z | Brass  | 10065493 | NPT 1 1/4" | 16 - 28             |       |
| NMSKV 1 1/2 EMV-Z | Brass  | 10065494 | NPT 1 1/2" | 21 - 35             |       |
| NMSKV 2 EMV-Z     | Brass  | 10065495 | NPT 2"     | 34 - 48             |       |

**CABLE GLANDS - EMC ACCESSORIES**

**Cable Glands - EMC Accessories**

**SPRINT - EMC earthing Cones DIN 89345, Brass Chromium-plated, EE**  
Brass chromium-plated, temperature range -150°C - 250°C

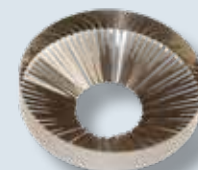
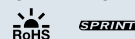


EE

| Type      | Colour | Code     | Suitable for Cable Gland Type      | Clamping Range (mm) | Notes |
|-----------|--------|----------|------------------------------------|---------------------|-------|
| EE 10-03  | Brass  | 50101021 | HatGLAND M12                       | 3                   |       |
| EE 12-05  | Brass  | 50085887 | SPRINT M12                         | 5                   |       |
| EE 14-07  | Brass  | 50101022 | HatGLAND M16                       | 7                   |       |
| EE 16-06  | Brass  | 50084648 | SPRINT M16 / KVM 16                | 6                   |       |
| EE 16-07  | Brass  | 50085652 | SPRINT M16 / KVM 16                | 7.5                 |       |
| EE 18-06  | Brass  | 50084649 | SPRINT M20 / KVM 18 / HatGLAND M20 | 6                   |       |
| EE 18-07  | Brass  | 50080958 | SPRINT M20 / KVM 18 / HatGLAND M20 | 7                   |       |
| EE 18-09  | Brass  | 50085650 | SPRINT M20 / KVM 18 / HatGLAND M20 | 9.5                 |       |
| EE 22-14  | Brass  | 50101023 | HatGLAND M25                       | 14.5                |       |
| EE 24-06  | Brass  | 50084650 | SPRINT M25 / KVM 24                | 6                   |       |
| EE 24-07  | Brass  | 50080960 | SPRINT M25 / KVM 24                | 7                   |       |
| EE 24-08  | Brass  | 50084651 | SPRINT M25 / KVM 24                | 8                   |       |
| EE 24-10  | Brass  | 50080962 | SPRINT M25 / KVM 24                | 10.5                |       |
| EE 24-13  | Brass  | 50080963 | SPRINT M25 / KVM 24                | 13                  |       |
| EE 24-14  | Brass  | 50080964 | SPRINT M25 / KVM 24                | 14.5                |       |
| EE 24-16  | Brass  | 50085654 | SPRINT M25 / KVM 24                | 16                  |       |
| EE 30-16  | Brass  | 50084652 | SPRINT M32 / KVM 30 / HatGLAND M32 | 16                  |       |
| EE 30-18  | Brass  | 50081743 | SPRINT M32 / KVM 30 / HatGLAND M32 | 18                  |       |
| EE 30-20  | Brass  | 50085655 | SPRINT M32 / KVM 30 / HatGLAND M32 | 20                  |       |
| EE 36-20  | Brass  | 50080967 | SPRINT M40 / KVM 36 / HatGLAND M40 | 20                  |       |
| EE 36-22  | Brass  | 50084653 | SPRINT M40 / KVM 36 / HatGLAND M40 | 22                  |       |
| EE 36-24  | Brass  | 50080969 | SPRINT M40 / KVM 36 / HatGLAND M40 | 24                  |       |
| EE 36-26  | Brass  | 50085656 | SPRINT M40 / KVM 36 / HatGLAND M40 | 26                  |       |
| EE 45-27  | Brass  | 50081592 | SPRINT M50 / KVM 45 / HatGLAND M50 | 27                  |       |
| EE 45-30  | Brass  | 50081407 | SPRINT M50 / KVM 45 / HatGLAND M50 | 30                  |       |
| EE 45-33  | Brass  | 50085657 | SPRINT M50 / KVM 45 / HatGLAND M50 | 33                  |       |
| EE 56-35  | Brass  | 50081406 | SPRINT M63 / KVM 56 / HatGLAND M63 | 35                  |       |
| EE 56-39  | Brass  | 50080768 | SPRINT M63 / KVM 56 / HatGLAND M63 | 39                  |       |
| EE 56-45  | Brass  | 50085658 | SPRINT M63 / KVM 56 / HatGLAND M63 | 45                  |       |
| EE 72-44  | Brass  | 50080955 | KVM 72                             | 44                  |       |
| EE 72-49  | Brass  | 50080954 | KVM 72                             | 49                  |       |
| EE 72-58  | Brass  | 50085659 | KVM 72                             | 58                  |       |
| EE 80-62  | Brass  | 50082650 | KVM 80                             | 62                  |       |
| EE 105-72 | Brass  | 50084654 | KVM 105                            | 72                  |       |
| EE 105-77 | Brass  | 50084655 | KVM 105                            | 77                  |       |

**Cable Glands - EMC Accessories**

**SPRINT - EMC Contact Spring Inserts, Stainless Steel, EMV-S**  
Stainless Steel 1.4310, temperature range -100°C - 500°C



EMV-S

Continues on next page...

Continued...

| Type     | Colour          | Code     | Suitable for Cable Gland Type | Clamping Range (mm) | Notes |
|----------|-----------------|----------|-------------------------------|---------------------|-------|
| EMV-S 12 | Stainless Steel | 10102528 | SPRINT M12                    | 3 - 7               |       |
| EMV-S 16 | Stainless Steel | 10102529 | SPRINT M16                    | 4.5 - 10            |       |
| EMV-S 20 | Stainless Steel | 10102530 | SPRINT M20                    | 6 - 13              |       |
| EMV-S 25 | Stainless Steel | 10102531 | SPRINT M25                    | 9 - 17              |       |
| EMV-S 32 | Stainless Steel | 10102532 | SPRINT M32                    | 13 - 21             |       |
| EMV-S 40 | Stainless Steel | 10102533 | SPRINT M40                    | 16 - 28             |       |
| EMV-S 50 | Stainless Steel | 10102534 | SPRINT M50                    | 21 - 35             |       |
| EMV-S 63 | Stainless Steel | 10102535 | SPRINT M63                    | 34 - 48             |       |

**Cable Glands - EMC Accessories**

**SPRINT - Locknut, Brass Nickel-plated, EMMU-EMV**

Brass chromium-plated, temperature range -250°C - 500°C



EMMU-EMV

| Type        | Colour | Code     | Size | Notes |
|-------------|--------|----------|------|-------|
| EMMU-EMV 12 | Brass  | 10063210 | M12  |       |
| EMMU-EMV 16 | Brass  | 10063211 | M16  |       |
| EMMU-EMV 20 | Brass  | 10063212 | M20  |       |
| EMMU-EMV 25 | Brass  | 10063213 | M25  |       |
| EMMU-EMV 32 | Brass  | 10063214 | M32  |       |
| EMMU-EMV 40 | Brass  | 10063215 | M40  |       |
| EMMU-EMV 50 | Brass  | 10063216 | M50  |       |
| EMMU-EMV 63 | Brass  | 10063217 | M63  |       |
| EMMU-EMV 75 | Brass  | 10102228 | M75  |       |

**Cable Glands - EMC Accessories**

**Locknut, Brass Nickel-plated, PG, MMU-EMV**

Brass chromium-plated, temperature range -250°C - 500°C



MMU-EMV

| Type         | Colour | Code     | Size    | Notes |
|--------------|--------|----------|---------|-------|
| MMU-EMV 7    | Brass  | 10063218 | PG 7    |       |
| MMU-EMV 9    | Brass  | 10063219 | PG 9    |       |
| MMU-EMV 11   | Brass  | 10063220 | PG 11   |       |
| MMU-EMV 13.5 | Brass  | 10063221 | PG 13.5 |       |
| MMU-EMV 16   | Brass  | 10063222 | PG 16   |       |
| MMU-EMV 21   | Brass  | 10063223 | PG 21   |       |
| MMU-EMV 29   | Brass  | 10063224 | PG 29   |       |
| MMU-EMV 36   | Brass  | 10063225 | PG 36   |       |
| MMU-EMV 42   | Brass  | 10063226 | PG 42   |       |
| MMU-EMV 48   | Brass  | 10063227 | PG 48   |       |

**Cable Glands - EMC Accessories**

**MagikNUT - Polyamide EMC Locknut**

Polyamide outerbody, stainless steel inner clip, temperature range -40°C - 100°C.



MagikNUT



Continued...

| Type        | Colour | Code     | Size | Notes |
|-------------|--------|----------|------|-------|
| MagikNUT 16 |        | 10110660 | M16  |       |
| MagikNUT 20 |        | 10110661 | M20  |       |
| MagikNUT 25 |        | 10110662 | M25  |       |
| MagikNUT 16 |        | 10111060 | M16  |       |
| MagikNUT 20 |        | 10111061 | M20  |       |
| MagikNUT 25 |        | 10111062 | M25  |       |

**CABLE GLANDS - EX**

**Cable Glands - EX**

**SPRINT - Polyamide, for Increased Safety, ESKE/1-e**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1-e

| Type        | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| ESKE/1-e 12 |        | 10103363 | M12  | 3 - 6               |       |
| ESKE/1-e 16 |        | 10103364 | M16  | 4.5 - 9             |       |
| ESKE/1-e 20 |        | 10103365 | M20  | 7 - 13              |       |
| ESKE/1-e 25 |        | 10103366 | M25  | 10 - 17             |       |
| ESKE/1-e 32 |        | 10103367 | M32  | 13 - 21             |       |
| ESKE/1-e 40 |        | 10103368 | M40  | 17 - 28             |       |
| ESKE/1-e 50 |        | 10103369 | M50  | 23 - 35             |       |
| ESKE/1-e 63 |        | 10103370 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Increased Safety, Long Thread ESKE/1-L-e**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



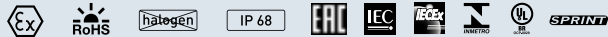
ESKE/1-L-e

| Type          | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|---------------|--------|----------|------|------------------|---------------------|-------|
| ESKE/1-L-e 12 |        | 10103379 | M12  | 15               | 3 - 6               |       |
| ESKE/1-L-e 16 |        | 10103380 | M16  | 15               | 4.5 - 9             |       |
| ESKE/1-L-e 20 |        | 10103381 | M20  | 15               | 7 - 13              |       |
| ESKE/1-L-e 25 |        | 10103382 | M25  | 15               | 10 - 17             |       |
| ESKE/1-L-e 32 |        | 10103383 | M32  | 15               | 13 - 21             |       |
| ESKE/1-L-e 40 |        | 10103384 | M40  | 18               | 17 - 28             |       |
| ESKE/1-L-e 50 |        | 10103385 | M50  | 18               | 23 - 35             |       |
| ESKE/1-L-e 63 |        | 10103386 | M63  | 18               | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Increased Safety, Low Temperature ESKE/1-e LT**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket silicone, low temperature -60°C · 75°C, glow wire test 750°C marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1-e LT

| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| ESKE/1-e 12 LT |        | 10103429 | M12  | 3 - 6               |       |
| ESKE/1-e 16 LT |        | 10103430 | M16  | 4.5 - 9             |       |
| ESKE/1-e 20 LT |        | 10103431 | M20  | 7 - 13              |       |
| ESKE/1-e 25 LT |        | 10103432 | M25  | 10 - 17             |       |
| ESKE/1-e 32 LT |        | 10103433 | M32  | 13 - 21             |       |
| ESKE/1-e 40 LT |        | 10103434 | M40  | 17 - 28             |       |
| ESKE/1-e 50 LT |        | 10103435 | M50  | 23 - 35             |       |
| ESKE/1-e 63 LT |        | 10103436 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Increased Safety, Low Temperature, Long Thread ESKE/1-L-e LT**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, low temperature -60°C · 75°C, glow wire test 750°C marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1-L-e LT

| Type             | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|------------------|--------|----------|------|------------------|---------------------|-------|
| ESKE/1-L-e 12 LT |        | 10103445 | M12  | 15               | 3 - 6               |       |
| ESKE/1-L-e 16 LT |        | 10103446 | M16  | 15               | 4.5 - 9             |       |
| ESKE/1-L-e 20 LT |        | 10103447 | M20  | 15               | 7 - 13              |       |
| ESKE/1-L-e 25 LT |        | 10103448 | M25  | 15               | 10 - 17             |       |
| ESKE/1-L-e 32 LT |        | 10103449 | M32  | 15               | 13 - 21             |       |
| ESKE/1-L-e 40 LT |        | 10103450 | M40  | 18               | 17 - 28             |       |
| ESKE/1-L-e 50 LT |        | 10103451 | M50  | 18               | 23 - 35             |       |
| ESKE/1-L-e 63 LT |        | 10103452 | M63  | 18               | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Increased Safety, with Bend Protection ESKE/1S-e**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C · 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1S-e

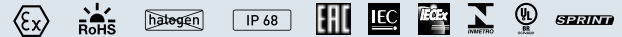
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| Type         | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| ESKE/1S-e 12 |        | 10103493 | M12  | 3 - 6               |       |
| ESKE/1S-e 16 |        | 10103494 | M16  | 4.5 - 9             |       |
| ESKE/1S-e 20 |        | 10103495 | M20  | 7 - 13              |       |
| ESKE/1S-e 25 |        | 10103496 | M25  | 10 - 17             |       |
| ESKE/1S-e 32 |        | 10103497 | M32  | 13 - 21             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Increased Safety, with Bend Protection, Long Thread ESKE/1S-L-e**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C · 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



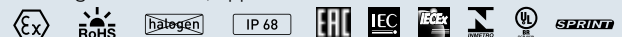
ESKE/1S-L-e

| Type           | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|------------------|---------------------|-------|
| ESKE/1S-L-e 12 |        | 10103503 | M12  | 15               | 3 - 6               |       |
| ESKE/1S-L-e 16 |        | 10103504 | M16  | 15               | 4.5 - 9             |       |
| ESKE/1S-L-e 20 |        | 10103505 | M20  | 15               | 7 - 13              |       |
| ESKE/1S-L-e 25 |        | 10103506 | M25  | 15               | 10 - 17             |       |
| ESKE/1S-L-e 32 |        | 10103507 | M32  | 15               | 13 - 21             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Intrinsic Safety, ESKE/1-i**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C · 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1-i

| Type        | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| ESKE/1-i 12 |        | 10103371 | M12  | 3 - 6               |       |
| ESKE/1-i 16 |        | 10103372 | M16  | 4.5 - 9             |       |
| ESKE/1-i 20 |        | 10103373 | M20  | 7 - 13              |       |
| ESKE/1-i 25 |        | 10103374 | M25  | 10 - 17             |       |
| ESKE/1-i 32 |        | 10103375 | M32  | 13 - 21             |       |
| ESKE/1-i 40 |        | 10103376 | M40  | 17 - 28             |       |
| ESKE/1-i 50 |        | 10103377 | M50  | 23 - 35             |       |
| ESKE/1-i 63 |        | 10103378 | M63  | 34 - 48             |       |

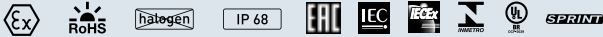
**Cable Glands - EX**  
**SPRINT - Polyamide, for Intrinsic Safety, Long Thread ESKE/1-L-i**  
 IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1-L-i

| Type          | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|---------------|--------|----------|------|------------------|---------------------|-------|
| ESKE/1-L-i 12 |        | 10103387 | M12  | 15               | 3 - 6               |       |
| ESKE/1-L-i 16 |        | 10103388 | M16  | 15               | 4.5 - 9             |       |
| ESKE/1-L-i 20 |        | 10103389 | M20  | 15               | 7 - 13              |       |
| ESKE/1-L-i 25 |        | 10103390 | M25  | 15               | 10 - 17             |       |
| ESKE/1-L-i 32 |        | 10103391 | M32  | 15               | 13 - 21             |       |
| ESKE/1-L-i 40 |        | 10103392 | M40  | 18               | 17 - 28             |       |
| ESKE/1-L-i 50 |        | 10103393 | M50  | 18               | 23 - 35             |       |
| ESKE/1-L-i 63 |        | 10103394 | M63  | 18               | 34 - 48             |       |

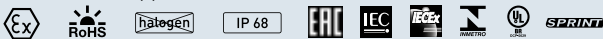
**Cable Glands - EX**  
**SPRINT - Polyamide, for Intrinsic Safety, Low Temperature ESKE/1-i LT**  
 IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket silicone, low temperature -60°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1-i LT

| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| ESKE/1-i 12 LT |        | 10103437 | M12  | 3 - 6               |       |
| ESKE/1-i 16 LT |        | 10103438 | M16  | 4.5 - 9             |       |
| ESKE/1-i 20 LT |        | 10103439 | M20  | 7 - 13              |       |
| ESKE/1-i 25 LT |        | 10103440 | M25  | 10 - 17             |       |
| ESKE/1-i 32 LT |        | 10103441 | M32  | 13 - 21             |       |
| ESKE/1-i 40 LT |        | 10103442 | M40  | 17 - 28             |       |
| ESKE/1-i 50 LT |        | 10103443 | M50  | 23 - 35             |       |
| ESKE/1-i 63 LT |        | 10103444 | M63  | 34 - 48             |       |

**Cable Glands - EX**  
**SPRINT - Polyamide, for Intrinsic Safety, Low Temperature Long Thread ESKE/1-L-i LT**  
 IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket silicone, low temperature marking -60°C - 75°C, glow wire test 750°C, Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1-L-i LT

Continued...

| Type             | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|------------------|--------|----------|------|------------------|---------------------|-------|
| ESKE/1-L-i 12 LT |        | 10103453 | M12  | 15               | 3 - 6               |       |
| ESKE/1-L-i 16 LT |        | 10103454 | M16  | 15               | 4.5 - 9             |       |
| ESKE/1-L-i 20 LT |        | 10103455 | M20  | 15               | 7 - 13              |       |
| ESKE/1-L-i 25 LT |        | 10103456 | M25  | 15               | 10 - 17             |       |
| ESKE/1-L-i 32 LT |        | 10103457 | M32  | 15               | 13 - 21             |       |
| ESKE/1-L-i 40 LT |        | 10103458 | M40  | 18               | 17 - 28             |       |
| ESKE/1-L-i 50 LT |        | 10103459 | M50  | 18               | 23 - 35             |       |
| ESKE/1-L-i 63 LT |        | 10103460 | M63  | 18               | 34 - 48             |       |

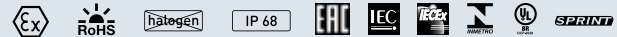
**Cable Glands - EX**  
**SPRINT - Polyamide, for Intrinsic Safety, with Bend Protection, ESKE/1S-i**  
 IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1S-i

| Type         | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| ESKE/1S-i 12 |        | 10103498 | M12  | 3 - 6               |       |
| ESKE/1S-i 16 |        | 10103499 | M16  | 4.5 - 9             |       |
| ESKE/1S-i 20 |        | 10103500 | M20  | 7 - 13              |       |
| ESKE/1S-i 25 |        | 10103501 | M25  | 10 - 17             |       |
| ESKE/1S-i 32 |        | 10103502 | M32  | 13 - 21             |       |

**Cable Glands - EX**  
**SPRINT - Polyamide, for Intrinsic Safety, with Bend Protection, Long Thread ESKE/1S-L-i**  
 IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1S-L-i

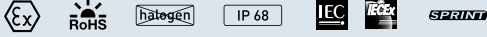
| Type           | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|------------------|---------------------|-------|
| ESKE/1S-L-i 12 |        | 10103508 | M12  | 15               | 3 - 6               |       |
| ESKE/1S-L-i 16 |        | 10103509 | M16  | 15               | 4.5 - 9             |       |
| ESKE/1S-L-i 20 |        | 10103510 | M20  | 15               | 7 - 13              |       |
| ESKE/1S-L-i 25 |        | 10103511 | M25  | 15               | 10 - 17             |       |
| ESKE/1S-L-i 32 |        | 10103512 | M32  | 15               | 13 - 21             |       |



**Cable Glands - EX**

**SPRINT - Polyamide, for Increased Safety, with External Relief, ESKEZ-e**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKEZ-e

| Type       | Colour | Code     | Size | Clamping Range (mm) | Notes |
|------------|--------|----------|------|---------------------|-------|
| ESKEZ-e 20 |        | 10100455 | M20  | 8 - 13              |       |
| ESKEZ-e 25 |        | 10100456 | M25  | 10 - 17             |       |
| ESKEZ-e 32 |        | 10100457 | M32  | 16 - 21             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Increased Safety, with External Relief, Long Thread ESKEZ-L-e**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



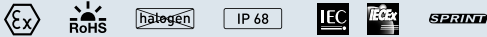
ESKEZ-L-e

| Type         | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|------------------|---------------------|-------|
| ESKEZ-L-e 20 |        | 10100848 | M20  | 15               | 8 - 13              |       |
| ESKEZ-L-e 25 |        | 10100849 | M25  | 15               | 10 - 17             |       |
| ESKEZ-L-e 32 |        | 10100850 | M32  | 15               | 16 - 21             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Intrinsic Safety, with External Relief, ESKEZ-i**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKEZ-i

| Type       | Colour | Code     | Size | Clamping Range (mm) | Notes |
|------------|--------|----------|------|---------------------|-------|
| ESKEZ-i 20 |        | 10100453 | M20  | 8 - 13              |       |
| ESKEZ-i 25 |        | 10100846 | M25  | 10 - 17             |       |
| ESKEZ-i 32 |        | 10100454 | M32  | 16 - 21             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Intrinsic Safety, with External Relief, Long Thread ESKEZ-L-i**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



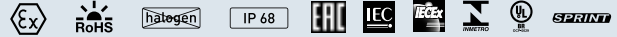
ESKEZ-L-i

| Type         | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|------------------|---------------------|-------|
| ESKEZ-L-i 20 |        | 10100852 | M20  | 15               | 8 - 13              |       |
| ESKEZ-L-i 25 |        | 10100853 | M25  | 15               | 10 - 17             |       |
| ESKEZ-L-i 32 |        | 10100854 | M32  | 15               | 16 - 21             |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Increased Safety, with Mounted MFD, ESKE/1-e**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, gasket TPE temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



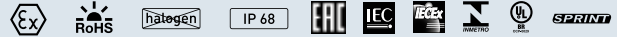
ESKE/1-e

| Type                   | Colour | Code     | Size | Number of Inserts | Insert Clamping Range (mm) | Notes |
|------------------------|--------|----------|------|-------------------|----------------------------|-------|
| ESKE/1-e 20 MFD 02/055 |        | 10110791 | M20  | 2                 | 4.9 - 5.5                  |       |
| ESKE/1-e 20 MFD 03/040 |        | 10110904 | M20  | 3                 | 3.6 - 4                    |       |
| ESKE/1-e 20 MFD 04/040 |        | 10110262 | M20  | 4                 | 3.6 - 4                    |       |
| ESKE/1-e 25 MFD 02/080 |        | 10110976 | M25  | 2                 | 7.2 - 8                    |       |
| ESKE/1-e 25 MFD 02/060 |        | 10110977 | M25  | 2                 | 5.4 - 6                    |       |
| ESKE/1-e 25 MFD 03/060 |        | 10111125 | M25  | 3                 | 5.4 - 6                    |       |
| ESKE/1-e 25 MFD 04/060 |        | 10109527 | M25  | 4                 | 5.4 - 6                    |       |
| ESKE/1-e 32 MFD 04/070 |        | 10110870 | M32  | 4                 | 6.3 - 7                    |       |
| ESKE/1-e 32 MFD 04/080 |        | 10110263 | M32  | 4                 | 7.2 - 8                    |       |
| ESKE/1-e 32 MFD 06/060 |        | 10110264 | M32  | 6                 | 5.4 - 6                    |       |
| ESKE/1-e 32 MFD 08/040 |        | 10110265 | M32  | 8                 | 3.6 - 4                    |       |

**Cable Glands - EX**

**SPRINT - Polyamide, for Intrinsic Safety, with Mounted MFD, ESKE/1-i**

IP66 / IP68 (5 bar 30 min), gland Polyamide, gasket EPDM, gasket TPE, temperature range -40°C - 75°C, glow wire test 750°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESKE/1-i

| Type                   | Colour | Code     | Size | Number of Inserts | Insert Clamping Range (mm) | Notes |
|------------------------|--------|----------|------|-------------------|----------------------------|-------|
| ESKE/1-i 20 MFD 02/050 |        | 10110772 | M20  | 2                 | 4.5 - 5                    |       |
| ESKE/1-i 20 MFD 04/040 |        | 10110266 | M20  | 4                 | 3.6 - 4                    |       |

Continued...

BRACE SYSTEM

| Type                   | Colour | Code     | Size | Number of Inserts | Insert Clamping Range (mm) | Notes |
|------------------------|--------|----------|------|-------------------|----------------------------|-------|
| ESKE/1-i 25 MFD 04/060 |        | 10109528 | M25  | 4                 | 5.4 - 6                    |       |
| ESKE/1-i 32 MFD 04/080 |        | 10110267 | M32  | 4                 | 7.2 - 8                    |       |
| ESKE/1-i 32 MFD 06/060 |        | 10110268 | M32  | 6                 | 5.4 - 6                    |       |
| ESKE/1-i 32 MFD 08/040 |        | 10110269 | M32  | 8                 | 3.6 - 4                    |       |
| ESKE/1-i 40 MFD 04/100 |        | 10110942 | M40  | 4                 | 9 - 10                     |       |

JOINTS

**Cable Glands - EX SPRINT - Brass, EMSKE**

IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



EMSKE

| Type     | Colour | Code     | Size | Insert Clamping Range (mm) | Notes |
|----------|--------|----------|------|----------------------------|-------|
| EMSKE 12 | Brass  | 10065040 | M12  | 4 - 7                      |       |
| EMSKE 16 | Brass  | 10065041 | M16  | 5 - 10                     |       |
| EMSKE 20 | Brass  | 10065042 | M20  | 6 - 13                     |       |
| EMSKE 25 | Brass  | 10065043 | M25  | 10 - 17                    |       |
| EMSKE 32 | Brass  | 10065044 | M32  | 13 - 21                    |       |
| EMSKE 40 | Brass  | 10065045 | M40  | 16 - 28                    |       |
| EMSKE 50 | Brass  | 10065046 | M50  | 21 - 35                    |       |
| EMSKE 63 | Brass  | 10065047 | M63  | 34 - 48                    |       |
| EMSKE 75 | Brass  | 10104386 | M75  | 48 - 62                    |       |

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

**Cable Glands - EX SPRINT - Brass, Long Thread, EMSKE-L**

IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



EMSKE-L

| Type       | Colour | Code     | Size | Long Thread (mm) | Insert Clamping Range (mm) | Notes |
|------------|--------|----------|------|------------------|----------------------------|-------|
| EMSKE-L 12 | Brass  | 10065048 | M12  | 12               | 4 - 7                      |       |
| EMSKE-L 16 | Brass  | 10065049 | M16  | 12               | 5 - 10                     |       |
| EMSKE-L 20 | Brass  | 10065050 | M20  | 12               | 6 - 13                     |       |
| EMSKE-L 25 | Brass  | 10065051 | M25  | 12               | 10 - 17                    |       |
| EMSKE-L 32 | Brass  | 10065052 | M32  | 15               | 13 - 21                    |       |
| EMSKE-L 40 | Brass  | 10065053 | M40  | 15               | 16 - 28                    |       |
| EMSKE-L 50 | Brass  | 10065054 | M50  | 15               | 21 - 35                    |       |
| EMSKE-L 63 | Brass  | 10065055 | M63  | 15               | 34 - 48                    |       |

JUNCTION BOXES

LIGHTING

TECHNICAL DATA

**Cable Glands - EX**

**SPRINT - Brass, Low Temperature, EMSKE LT**

IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket silicone, clamping cage Polyamide, low temperature -60°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



EMSKE LT

| Type        | Colour | Code     | Size | Insert Clamping Range (mm) | Notes |
|-------------|--------|----------|------|----------------------------|-------|
| EMSKE 12 LT | Brass  | 10065946 | M12  | 4 - 7                      |       |
| EMSKE 16 LT | Brass  | 10065947 | M16  | 5 - 10                     |       |
| EMSKE 20 LT | Brass  | 10065948 | M20  | 6 - 13                     |       |
| EMSKE 25 LT | Brass  | 10065949 | M25  | 10 - 17                    |       |
| EMSKE 32 LT | Brass  | 10065950 | M32  | 13 - 21                    |       |
| EMSKE 40 LT | Brass  | 10065951 | M40  | 16 - 28                    |       |
| EMSKE 50 LT | Brass  | 10065952 | M50  | 21 - 35                    |       |
| EMSKE 63 LT | Brass  | 10065953 | M63  | 34 - 48                    |       |

**Cable Glands - EX**

**SPRINT - Brass, Low Temperature, Long Thread, EMSKE-L LT**

IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket silicone, clamping cage Polyamide, low temperature -60°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



EMSKE-L LT

| Type          | Colour | Code     | Size | Long Thread (mm) | Insert Clamping Range (mm) | Notes |
|---------------|--------|----------|------|------------------|----------------------------|-------|
| EMSKE-L 12 LT | Brass  | 10065938 | M12  | 12               | 4 - 7                      |       |
| EMSKE-L 16 LT | Brass  | 10065939 | M16  | 12               | 5 - 10                     |       |
| EMSKE-L 20 LT | Brass  | 10065940 | M20  | 12               | 6 - 13                     |       |
| EMSKE-L 25 LT | Brass  | 10065941 | M25  | 12               | 10 - 17                    |       |
| EMSKE-L 32 LT | Brass  | 10065942 | M32  | 15               | 13 - 21                    |       |
| EMSKE-L 40 LT | Brass  | 10065943 | M40  | 15               | 16 - 28                    |       |
| EMSKE-L 50 LT | Brass  | 10065944 | M50  | 15               | 21 - 35                    |       |
| EMSKE-L 63 LT | Brass  | 10065945 | M63  | 15               | 34 - 48                    |       |

**Cable Glands - EX**

**SPRINT - Brass, NPT, NMSKE**

IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



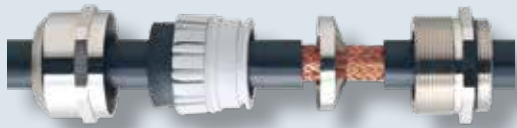
NMSKE

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| Type        | Colour | Code     | Size       | Insert Clamping Range (mm) | Notes |
|-------------|--------|----------|------------|----------------------------|-------|
| NMSKE 1/4   | Brass  | 10101082 | NPT 1/4"   | 4 - 7                      |       |
| NMSKE 3/8   | Brass  | 10101083 | NPT 3/8"   | 5 - 10                     |       |
| NMSKE 1/2   | Brass  | 10101084 | NPT 1/2"   | 6 - 13                     |       |
| NMSKE 3/4   | Brass  | 10101085 | NPT 3/4"   | 10 - 17                    |       |
| NMSKE 1     | Brass  | 10101086 | NPT 1"     | 13 - 21                    |       |
| NMSKE 1 1/4 | Brass  | 10101087 | NPT 1 1/4" | 16 - 28                    |       |
| NMSKE 1 1/2 | Brass  | 10101088 | NPT 1 1/2" | 21 - 35                    |       |
| NMSKE 2     | Brass  | 10101089 | NPT 2"     | 34 - 48                    |       |

**Cable Glands - EX**

**SPRINT - Brass, with Contact Spring Insert, EMSKE EMV-S**  
 IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, earthing cones stainless steel 1.4310 temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX

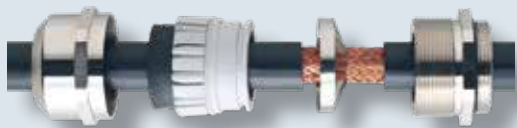


EMSKE EMV-S

| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMSKE 12 EMV-S | Brass  | 10102971 | M12  | 4 - 7               |       |
| EMSKE 16 EMV-S | Brass  | 10102972 | M16  | 5 - 10              |       |
| EMSKE 20 EMV-S | Brass  | 10102973 | M20  | 6 - 13              |       |
| EMSKE 25 EMV-S | Brass  | 10102974 | M25  | 10 - 17             |       |
| EMSKE 32 EMV-S | Brass  | 10102975 | M32  | 13 - 21             |       |
| EMSKE 40 EMV-S | Brass  | 10102976 | M40  | 16 - 28             |       |
| EMSKE 50 EMV-S | Brass  | 10102977 | M50  | 21 - 35             |       |
| EMSKE 63 EMV-S | Brass  | 10102978 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Brass, with Contact Spring Insert, Long Thread, EMSKE-L EMV-S**  
 IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, earthing cones stainless steel 1.4310 temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



EMSKE-L EMV-S

| Type             | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|------------------|--------|----------|------|------------------|---------------------|-------|
| EMSKE-L 12 EMV-S | Brass  | 10109986 | M12  | 12               | 4 - 7               |       |
| EMSKE-L 16 EMV-S | Brass  | 10109987 | M16  | 12               | 5 - 10              |       |
| EMSKE-L 20 EMV-S | Brass  | 10109988 | M20  | 12               | 6 - 13              |       |
| EMSKE-L 25 EMV-S | Brass  | 10109989 | M25  | 12               | 10 - 17             |       |
| EMSKE-L 32 EMV-S | Brass  | 10109990 | M32  | 15               | 13 - 21             |       |
| EMSKE-L 40 EMV-S | Brass  | 10109991 | M40  | 15               | 16 - 28             |       |
| EMSKE-L 50 EMV-S | Brass  | 10109992 | M50  | 15               | 21 - 35             |       |
| EMSKE-L 63 EMV-S | Brass  | 10109993 | M63  | 15               | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Brass, with Earthing Cones DIN 89345, EMSKE EMV-Z**  
 IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



EMSKE EMV-Z

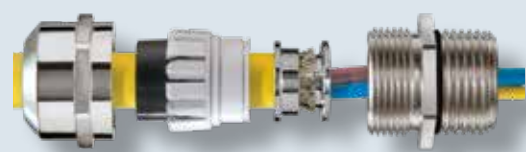
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| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMSKE 12 EMV-Z | Brass  | 10065056 | M12  | 4 - 7               |       |
| EMSKE 16 EMV-Z | Brass  | 10065057 | M16  | 5 - 10              |       |
| EMSKE 20 EMV-Z | Brass  | 10065058 | M20  | 6 - 13              |       |
| EMSKE 25 EMV-Z | Brass  | 10065059 | M25  | 10 - 17             |       |
| EMSKE 32 EMV-Z | Brass  | 10065060 | M32  | 13 - 21             |       |
| EMSKE 40 EMV-Z | Brass  | 10065061 | M40  | 16 - 28             |       |
| EMSKE 50 EMV-Z | Brass  | 10065062 | M50  | 21 - 35             |       |
| EMSKE 63 EMV-Z | Brass  | 10065063 | M63  | 34 - 48             |       |
| EMSKE 75 EMV-Z | Brass  | 10104143 | M75  | 48 - 62             |       |

**Cable Glands - EX**

**SPRINT - Brass, with Earthing Cones DIN 89345, Long Thread, EMSKE-L EMV-Z**

IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



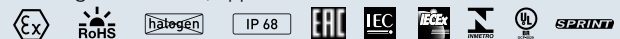
EMSKE-L EMV-Z

| Type             | Colour | Code     | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|------------------|--------|----------|------|------------------|---------------------|-------|
| EMSKE-L 12 EMV-Z | Brass  | 10065922 | M12  | 12               | 4 - 7               |       |
| EMSKE-L 16 EMV-Z | Brass  | 10065923 | M16  | 12               | 5 - 10              |       |
| EMSKE-L 20 EMV-Z | Brass  | 10065924 | M20  | 12               | 6 - 13              |       |
| EMSKE-L 25 EMV-Z | Brass  | 10065925 | M25  | 12               | 10 - 17             |       |
| EMSKE-L 32 EMV-Z | Brass  | 10065926 | M32  | 15               | 13 - 21             |       |
| EMSKE-L 40 EMV-Z | Brass  | 10065927 | M40  | 15               | 16 - 28             |       |
| EMSKE-L 50 EMV-Z | Brass  | 10065928 | M50  | 15               | 21 - 35             |       |
| EMSKE-L 63 EMV-Z | Brass  | 10065929 | M63  | 15               | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Brass, with Earthing Cones DIN 89345, LowTemp, EMSKE LT EMV-Z**

IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket silicone, clamping cage Polyamide, low temperature -60 °C - 75 °C, marking Ex eb / Ex tb, approval IECEx / ATEX



EMSKE-LT EMV-Z

| Type              | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|--------|----------|------|---------------------|-------|
| EMSKE 12 LT EMV-Z | Brass  | 10105724 | M12  | 4 - 7               |       |
| EMSKE 16 LT EMV-Z | Brass  | 10105725 | M16  | 5 - 10              |       |
| EMSKE 20 LT EMV-Z | Brass  | 10104838 | M20  | 6 - 13              |       |
| EMSKE 25 LT EMV-Z | Brass  | 10104395 | M25  | 10 - 17             |       |
| EMSKE 32 LT EMV-Z | Brass  | 10103045 | M32  | 13 - 21             |       |
| EMSKE 40 LT EMV-Z | Brass  | 10105726 | M40  | 16 - 28             |       |
| EMSKE 50 LT EMV-Z | Brass  | 10105727 | M50  | 21 - 35             |       |
| EMSKE 63 LT EMV-Z | Brass  | 10105728 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Brass, with Earthing Cones DIN 89345, NPT, NMSKE EMV-Z**  
 IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, marking Ex eb / Ex tb, approval IECEx / ATEX

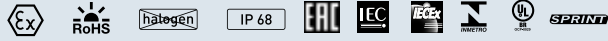


NMSKE EMV-Z

| Type              | Colour | Code     | Size       | Clamping Range (mm) | Notes |
|-------------------|--------|----------|------------|---------------------|-------|
| NMSKE 1/4 EMV-Z   | Brass  | 10063055 | NPT 1/4"   | 4 - 7               |       |
| NMSKE 3/8 EMV-Z   | Brass  | 10063056 | NPT 3/8"   | 5 - 10              |       |
| NMSKE 1/2 EMV-Z   | Brass  | 10063057 | NPT 1/2"   | 6 - 13              |       |
| NMSKE 3/4 EMV-Z   | Brass  | 10063058 | NPT 3/4"   | 10 - 17             |       |
| NMSKE 1 EMV-Z     | Brass  | 10063059 | NPT 1"     | 13 - 21             |       |
| NMSKE 1 1/4 EMV-Z | Brass  | 10063060 | NPT 1 1/4" | 16 - 28             |       |
| NMSKE 1 1/2 EMV-Z | Brass  | 10063061 | NPT 1 1/2" | 21 - 35             |       |
| NMSKE 2 EMV-Z     | Brass  | 10063062 | NPT 2"     | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Brass, with Mounted MFD, EMSKE**  
 IP66 / IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



EMSKE

| Type                  | Colour | Code     | Size | Number of Inserts | Insert Clamping Range (mm) | Notes |
|-----------------------|--------|----------|------|-------------------|----------------------------|-------|
| EMSKE 20 MFD 02/060   | Brass  | 10110038 | M20  | 2                 | 5.4 - 6                    |       |
| EMSKE 20 MFD 02/065   | Brass  | 10110369 | M20  | 2                 | 5.9 - 6.5                  |       |
| EMSKE 25 MFD 02/060   | Brass  | 10110795 | M25  | 2                 | 5.4 - 6                    |       |
| EMSKE 25 MFD 03/070   | Brass  | 10110411 | M25  | 3                 | 6.3 - 7                    |       |
| EMSKE 50 MFD 03/157   | Brass  | 10110812 | M50  | 3                 | 14.7 - 15.7                |       |
| EMSKE-L 20 MFD 02/050 | Brass  | 10110797 | M20  | 2                 | 4.5 - 5                    |       |

**Cable Glands - EX**

**SPRINT - Brass, with External Strain Relief, EMSKEZ**  
 IP68 (5 bar 30 min), gland Brass nickel-plated, gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX

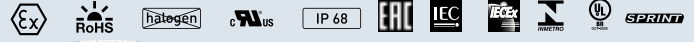


EMSKEZ

| Type      | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-----------|--------|----------|------|---------------------|-------|
| EMSKEZ 16 | Brass  | 10063071 | M16  | 6.5 - 10            |       |
| EMSKEZ 20 | Brass  | 10063072 | M20  | 8 - 13              |       |
| EMSKEZ 25 | Brass  | 10063073 | M25  | 10 - 17             |       |
| EMSKEZ 32 | Brass  | 10063074 | M32  | 16 - 21             |       |
| EMSKEZ 40 | Brass  | 10063075 | M40  | 18 - 28             |       |
| EMSKEZ 50 | Brass  | 10063076 | M50  | 22 - 35             |       |
| EMSKEZ 63 | Brass  | 10063077 | M63  | 35 - 48             |       |

**Cable Glands - EX**

**SPRINT - Stainless Steel A2 (1.4305), ESSKE**  
 IP66 / IP68 (5 bar 30 min), gland Stainless Steel A2 (1.4305), gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



ESSKE

| Type     | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------|-----------------|----------|------|---------------------|-------|
| ESSKE 12 | Stainless Steel | 10069200 | M12  | 4 - 7               |       |
| ESSKE 16 | Stainless Steel | 10069201 | M16  | 5 - 10              |       |
| ESSKE 20 | Stainless Steel | 10069202 | M20  | 6 - 13              |       |
| ESSKE 25 | Stainless Steel | 10069203 | M25  | 10 - 17             |       |
| ESSKE 32 | Stainless Steel | 10069204 | M32  | 13 - 21             |       |
| ESSKE 40 | Stainless Steel | 10069205 | M40  | 16 - 28             |       |
| ESSKE 50 | Stainless Steel | 10069206 | M50  | 21 - 35             |       |
| ESSKE 63 | Stainless Steel | 10069207 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Stainless Steel A4 (1.4404), ESSKE-4**  
 IP66 / IP68 (5 bar 30 min), gland Stainless Steel A4 (1.4404), gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



ESSKE-4

| Type       | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|------------|-----------------|----------|------|---------------------|-------|
| ESSKE-4 12 | Stainless Steel | 10069232 | M12  | 4 - 7               |       |
| ESSKE-4 16 | Stainless Steel | 10069233 | M16  | 5 - 10              |       |
| ESSKE-4 20 | Stainless Steel | 10069234 | M20  | 6 - 13              |       |
| ESSKE-4 25 | Stainless Steel | 10069235 | M25  | 10 - 17             |       |
| ESSKE-4 32 | Stainless Steel | 10069236 | M32  | 13 - 21             |       |
| ESSKE-4 40 | Stainless Steel | 10069237 | M40  | 16 - 28             |       |
| ESSKE-4 50 | Stainless Steel | 10069238 | M50  | 21 - 35             |       |
| ESSKE-4 63 | Stainless Steel | 10069239 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Stainless Steel A2 (1.4305), LowTemp, ESSKE**  
 IP66 / IP68 (5 bar 30 min), gland Stainless Steel A2 (1.4305), gasket silicone, clamping cage Polyamide, low temperature -60°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESSKE LT

| Type        | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-------------|-----------------|----------|------|---------------------|-------|
| ESSKE 12 LT | Stainless Steel | 10065986 | M12  | 4 - 7               |       |
| ESSKE 16 LT | Stainless Steel | 10065987 | M16  | 5 - 10              |       |

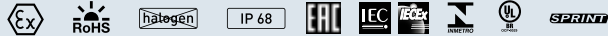


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| Type        | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-------------|-----------------|----------|------|---------------------|-------|
| ESSKE 20 LT | Stainless Steel | 10065988 | M20  | 6 - 13              |       |
| ESSKE 25 LT | Stainless Steel | 10065989 | M25  | 10 - 17             |       |
| ESSKE 32 LT | Stainless Steel | 10065990 | M32  | 13 - 21             |       |
| ESSKE 40 LT | Stainless Steel | 10065991 | M40  | 16 - 28             |       |
| ESSKE 50 LT | Stainless Steel | 10065992 | M50  | 21 - 35             |       |
| ESSKE 63 LT | Stainless Steel | 10065993 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Stainless Steel A4 (1.4404), LowTemp, ESSKE-4**  
 IP66 / IP68 (5 bar 30 min), gland Stainless Steel A4 (1.4404), gasket silicone, clamping cage Polyamide, low temperature -60°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX

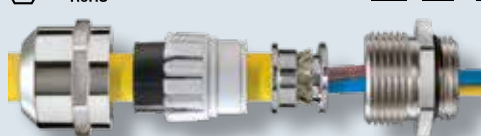


ESSKE-4 LT

| Type          | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|---------------|-----------------|----------|------|---------------------|-------|
| ESSKE-4 12 LT | Stainless Steel | 10065389 | M12  | 4 - 7               |       |
| ESSKE-4 16 LT | Stainless Steel | 10065390 | M16  | 5 - 10              |       |
| ESSKE-4 20 LT | Stainless Steel | 10065391 | M20  | 6 - 13              |       |
| ESSKE-4 25 LT | Stainless Steel | 10065392 | M25  | 10 - 17             |       |
| ESSKE-4 32 LT | Stainless Steel | 10065393 | M32  | 13 - 21             |       |
| ESSKE-4 40 LT | Stainless Steel | 10065394 | M40  | 16 - 28             |       |
| ESSKE-4 50 LT | Stainless Steel | 10065395 | M50  | 21 - 35             |       |
| ESSKE-4 63 LT | Stainless Steel | 10065396 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Stainless Steel A2 (1.4305), with Earthing Cones DIN 89345, ESSKE EMV-Z**  
 IP66 / IP68 (5 bar 30 min), gland Stainless Steel A2 (1.4305), gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



ESSKE EMV-Z

| Type           | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------|-----------------|----------|------|---------------------|-------|
| ESSKE 12 EMV-Z | Stainless Steel | 10069216 | M12  | 4 - 7               |       |
| ESSKE 16 EMV-Z | Stainless Steel | 10069217 | M16  | 5 - 10              |       |
| ESSKE 20 EMV-Z | Stainless Steel | 10069218 | M20  | 6 - 13              |       |
| ESSKE 25 EMV-Z | Stainless Steel | 10069219 | M25  | 10 - 17             |       |
| ESSKE 32 EMV-Z | Stainless Steel | 10069220 | M32  | 13 - 21             |       |
| ESSKE 40 EMV-Z | Stainless Steel | 10069221 | M40  | 16 - 28             |       |
| ESSKE 50 EMV-Z | Stainless Steel | 10069222 | M50  | 21 - 35             |       |
| ESSKE 63 EMV-Z | Stainless Steel | 10069223 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Stainless Steel A4 (1.4404), with Earthing Cones DIN 89345, ESSKE-4 EMV-Z**  
 IP66 / IP68 (5 bar 30 min), gland Stainless Steel A4 (1.4404), gasket EPDM, clamping cage Polyamide, temperature range -40°C - 75°C marking Ex eb / Ex tb, approval IECEx / ATEX



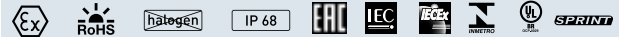
ESSKE-4 EMV-Z

Continued...

| Type             | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|------------------|-----------------|----------|------|---------------------|-------|
| ESSKE-4 12 EMV-Z | Stainless Steel | 10069248 | M12  | 4 - 7               |       |
| ESSKE-4 16 EMV-Z | Stainless Steel | 10069249 | M16  | 5 - 10              |       |
| ESSKE-4 20 EMV-Z | Stainless Steel | 10069250 | M20  | 6 - 13              |       |
| ESSKE-4 25 EMV-Z | Stainless Steel | 10069251 | M25  | 10 - 17             |       |
| ESSKE-4 32 EMV-Z | Stainless Steel | 10069252 | M32  | 13 - 21             |       |
| ESSKE-4 40 EMV-Z | Stainless Steel | 10069253 | M40  | 16 - 28             |       |
| ESSKE-4 50 EMV-Z | Stainless Steel | 10069254 | M50  | 21 - 35             |       |
| ESSKE-4 63 EMV-Z | Stainless Steel | 10069255 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Stainless Steel A2 (1.4305), with Earthing Cones DIN 89345, LowTemp, ESSKE LT EMV-Z**  
 IP66 / IP68 (5 bar 30 min), gland Stainless Steel A2 (1.4305), gasket silicone, clamping cage Polyamide, low temperature -60°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESSKE LT EMV-Z

| Type              | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|-----------------|----------|------|---------------------|-------|
| ESSKE 12 LT EMV-Z | Stainless Steel | 10065978 | M12  | 4 - 7               |       |
| ESSKE 16 LT EMV-Z | Stainless Steel | 10065979 | M16  | 5 - 10              |       |
| ESSKE 20 LT EMV-Z | Stainless Steel | 10065980 | M20  | 6 - 13              |       |
| ESSKE 25 LT EMV-Z | Stainless Steel | 10065981 | M25  | 10 - 17             |       |
| ESSKE 32 LT EMV-Z | Stainless Steel | 10065982 | M32  | 13 - 21             |       |
| ESSKE 40 LT EMV-Z | Stainless Steel | 10065983 | M40  | 16 - 28             |       |
| ESSKE 50 LT EMV-Z | Stainless Steel | 10065984 | M50  | 21 - 35             |       |
| ESSKE 63 LT EMV-Z | Stainless Steel | 10065985 | M63  | 34 - 48             |       |

**Cable Glands - EX**

**SPRINT - Stainless Steel A4 (1.4404), with Earthing Cones DIN 89345, LowTemp, ESSKE-4 LT EMV-Z**  
 IP66 / IP68 (5 bar 30 min), gland Stainless Steel A4 (1.4404), gasket silicone, clamping cage Polyamide, low temperature -60°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



ESSKE-4 LT EMV-Z

| Type                | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|---------------------|-----------------|----------|------|---------------------|-------|
| ESSKE-4 12 LT EMV-Z | Stainless Steel | 10065358 | M12  | 4 - 7               |       |
| ESSKE-4 16 LT EMV-Z | Stainless Steel | 10065359 | M16  | 5 - 10              |       |
| ESSKE-4 20 LT EMV-Z | Stainless Steel | 10065360 | M20  | 6 - 13              |       |
| ESSKE-4 25 LT EMV-Z | Stainless Steel | 10065361 | M25  | 10 - 17             |       |
| ESSKE-4 32 LT EMV-Z | Stainless Steel | 10065362 | M32  | 13 - 21             |       |
| ESSKE-4 40 LT EMV-Z | Stainless Steel | 10065363 | M40  | 16 - 28             |       |
| ESSKE-4 50 LT EMV-Z | Stainless Steel | 10065364 | M50  | 21 - 35             |       |
| ESSKE-4 63 LT EMV-Z | Stainless Steel | 10065365 | M63  | 34 - 48             |       |

BRACE SYSTEM

JOINTS

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

JUNCTION BOXES

LIGHTING

TECHNICAL DATA

**Cable Glands - EX**

**EX d - Brass, for Non-Armoured Cables, OS-A2F-U**

IP66 / IP67, gland Brass nickel-plated, gasket silicone, temperature range -60°C - 110°C marking Ex eb / Ex tb / Ex db, approval IECEx / ATEX



OS-A2F-U

| Type               | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------------|--------|----------|------|---------------------|-------|
| OS-A2F-U 16 / M16  | Brass  | 50107568 | M16  | 3 - 7               |       |
| OS-A2F-U 16X / M16 | Brass  | 50107569 | M16  | 5 - 10.3            |       |
| OS-A2F-U 16X / M20 | Brass  | 50108019 | M20  | 5 - 10.3            |       |
| OS-A2F-U 20 / M20  | Brass  | 50107570 | M20  | 9 - 15.3            |       |
| OS-A2F-U 25 / M25  | Brass  | 50107571 | M25  | 13 - 20             |       |
| OS-A2F-U 32 / M32  | Brass  | 50107572 | M32  | 17 - 26.5           |       |
| OS-A2F-U 40 / M40  | Brass  | 50107573 | M40  | 22 - 32             |       |
| OS-A2F-U 50 / M50  | Brass  | 50107574 | M50  | 30 - 42             |       |
| OS-A2F-U 63 / M63  | Brass  | 50107575 | M63  | 39 - 51             |       |
| OS-A2F-U 63X / M63 | Brass  | 50107576 | M63  | 46 - 55             |       |
| OS-A2F-U 75 / M75  | Brass  | 50107577 | M75  | 54 - 61             |       |
| OS-A2F-U 75X / M75 | Brass  | 50107578 | M75  | 58 - 68             |       |

**Cable Glands - EX**

**EX d - Brass, for Armoured Cables, OS-E1UF**

IP66 / IP67, gland Brass nickel-plated, gasket silicone, temperature range -60°C - 110°C marking Ex eb / Ex tb / Ex db, approval IECEx / ATEX



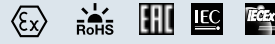
OS-E1UF

| Type                | Colour | Code     | Size | Clamping Range (mm) | Notes |
|---------------------|--------|----------|------|---------------------|-------|
| OS-E1UF-U 16 / M16  | Brass  | 50107579 | M16  | 7 - 16.1            |       |
| OS-E1UF-U 20 / M20  | Brass  | 50107580 | M20  | 12 - 21             |       |
| OS-E1UF-U 25 / M25  | Brass  | 50107581 | M25  | 17 - 26.2           |       |
| OS-E1UF-U 32 / M32  | Brass  | 50107582 | M32  | 22 - 34             |       |
| OS-E1UF-U 40 / M40  | Brass  | 50107583 | M40  | 30 - 42             |       |
| OS-E1UF-U 50 / M50  | Brass  | 50107584 | M50  | 38 - 53.7           |       |
| OS-E1UF-U 63 / M63  | Brass  | 50107585 | M63  | 45 - 60             |       |
| OS-E1UF-U 63X / M63 | Brass  | 50107586 | M63  | 52 - 66             |       |
| OS-E1UF-U 75 / M75  | Brass  | 50107587 | M75  | 58 - 72             |       |
| OS-E1UF-U 75X / M75 | Brass  | 50107588 | M75  | 66.1 - 79           |       |

**Cable Glands - EX**

**EX d - Brass, for Armoured Cables, OS-E1UF-U, Pack**

IP66 / IP67, gland Brass nickel-plated, gasket silicone, shrouds and earth tags, temperature range -60°C - 110°C marking Ex eb / Ex tb / Ex db, approval IECEx / ATEX



OS-E1UF

| Type                | Colour | Code     | Size | Clamping Range (mm) | Pack Qty | Notes |
|---------------------|--------|----------|------|---------------------|----------|-------|
| OS-E1UF-U 16 / M16  | Brass  | 10110318 | M16  | 7 - 16.1            | 2        |       |
| OS-E1UF-U 20 / M20  | Brass  | 10110319 | M20  | 12 - 21             | 2        |       |
| OS-E1UF-U 25 / M25  | Brass  | 10110320 | M25  | 17 - 26.2           | 2        |       |
| OS-E1UF-U 32 / M32  | Brass  | 10110321 | M32  | 22 - 34             | 2        |       |
| OS-E1UF-U 40 / M40  | Brass  | 10110322 | M40  | 30 - 42             | 1        |       |
| OS-E1UF-U 50 / M50  | Brass  | 10110323 | M50  | 38 - 53.7           | 1        |       |
| OS-E1UF-U 63 / M63  | Brass  | 10110324 | M63  | 45 - 60             | 1        |       |
| OS-E1UF-U 63X / M63 | Brass  | 10110325 | M63  | 52 - 66             | 1        |       |
| OS-E1UF-U 75 / M75  | Brass  | 10110326 | M75  | 58 - 72             | 1        |       |
| OS-E1UF-U 75X / M75 | Brass  | 10110327 | M75  | 66.1 - 79           | 1        |       |

**Cable Glands - EX**

**EX d - Brass, for Armoured Cables, NPT, OS-E1UF**

IP66 / IP67, gland Brass nickel-plated, gasket silicone, temperature range -60°C - 110°C marking Ex eb / Ex tb / Ex db, approval IECEx / ATEX



OS-E1UF

| Type                      | Colour | Code     | Size       | Clamping Range (mm) | Notes |
|---------------------------|--------|----------|------------|---------------------|-------|
| OS-E1UF-U 20 / NPT 3/4"   | Brass  | 50107618 | NPT 3/4"   | 12 - 21             |       |
| OS-E1UF-U 32 / NPT 1"     | Brass  | 50107619 | NPT 1"     | 22 - 34             |       |
| OS-E1UF-U 40 / NPT 1-1/4" | Brass  | 50107620 | NPT 1 1/4" | 30 - 42             |       |
| OS-E1UF-U 50 / NPT 1-1/2" | Brass  | 50107621 | NPT 1 1/2" | 38 - 53.7           |       |

**Cable Glands - EX**

**EX d - Brass, Stop Ends, OSSP**

IP66 / IP67, gland Brass nickel-plated, gasket CR, temperature range -60°C - 120°C marking Ex eb / Ex tb / Ex db, approval IECEx / ATEX



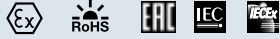
OSSP

| Type            | Colour | Code     | Size | Notes |
|-----------------|--------|----------|------|-------|
| OSSP-R 16 / M16 | Brass  | 50065610 | M16  |       |
| OSSP-R 20 / M20 | Brass  | 50065611 | M20  |       |
| OSSP-R 25 / M25 | Brass  | 50065612 | M25  |       |
| OSSP-R 32 / M32 | Brass  | 50065613 | M32  |       |
| OSSP-R 40 / M40 | Brass  | 50065614 | M40  |       |
| OSSP-R 50 / M50 | Brass  | 50065615 | M50  |       |
| OSSP-R 63 / M63 | Brass  | 50065616 | M63  |       |
| OSSP-R 75 / M75 | Brass  | 50065617 | M75  |       |

**Cable Glands - EX**

**EX d - Brass, Reduction Adaptors, OSRA**

IP66 / IP67, gland Brass nickel-plated, temperature range -60°C - 110°C marking Ex eb / Ex tb / Ex db, approval IECEx / ATEX



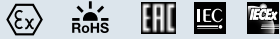
OSRA

| Type                    | Colour | Code     | Outer Thread | Inner Thread | Notes |
|-------------------------|--------|----------|--------------|--------------|-------|
| OSRA 20 / M20(M)*M16(F) | Brass  | 50065650 | M20          | M16          |       |
| OSRA 25 / M25(M)*M16(F) | Brass  | 50065651 | M25          | M16          |       |
| OSRA 25 / M25(M)*M20(F) | Brass  | 50065652 | M25          | M20          |       |
| OSRA 32 / M32(M)*M16(F) | Brass  | 50065653 | M32          | M16          |       |
| OSRA 32 / M32(M)*M20(F) | Brass  | 50065654 | M32          | M20          |       |
| OSRA 32 / M32(M)*M25(F) | Brass  | 50065655 | M32          | M25          |       |
| OSRA 40 / M40(M)*M20(F) | Brass  | 50065656 | M40          | M20          |       |
| OSRA 40 / M40(M)*M25(F) | Brass  | 50065657 | M40          | M25          |       |
| OSRA 40 / M40(M)*M32(F) | Brass  | 50065658 | M40          | M32          |       |
| OSRA 50 / M50(M)*M25(F) | Brass  | 50065659 | M50          | M25          |       |
| OSRA 50 / M50(M)*M32(F) | Brass  | 50065660 | M50          | M32          |       |
| OSRA 50 / M50(M)*M40(F) | Brass  | 50065661 | M50          | M40          |       |
| OSRA 63 / M63(M)*M32(F) | Brass  | 50065662 | M63          | M32          |       |
| OSRA 63 / M63(M)*M40(F) | Brass  | 50065663 | M63          | M40          |       |
| OSRA 63 / M63(M)*M50(F) | Brass  | 50065664 | M63          | M50          |       |
| OSRA 75 / M75(M)*M40(F) | Brass  | 50065665 | M75          | M40          |       |
| OSRA 75 / M75(M)*M50(F) | Brass  | 50065666 | M75          | M50          |       |
| OSRA 75 / M75(M)*M63(F) | Brass  | 50065667 | M75          | M63          |       |

**Cable Glands - EX**

**EX d - Brass, Enlargement Adaptors, OSAJ**

IP66 / IP67, gland Brass nickel-plated, temperature range -60°C - 110°C marking Ex eb / Ex tb / Ex db, approval IECEx / ATEX



OSAJ

| Type                    | Colour | Code     | Outer Thread | Inner Thread | Notes |
|-------------------------|--------|----------|--------------|--------------|-------|
| OSAJ 20 / M16(M)*M20(F) | Brass  | 50065686 | M16          | M20          |       |
| OSAJ 25 / M16(M)*M25(F) | Brass  | 50065687 | M16          | M25          |       |
| OSAJ 25 / M20(M)*M25(F) | Brass  | 50065688 | M20          | M25          |       |
| OSAJ 32 / M16(M)*M32(F) | Brass  | 50065689 | M16          | M32          |       |
| OSAJ 32 / M20(M)*M32(F) | Brass  | 50065690 | M20          | M32          |       |
| OSAJ 32 / M25(M)*M32(F) | Brass  | 50065691 | M25          | M32          |       |
| OSAJ 40 / M20(M)*M40(F) | Brass  | 50065692 | M20          | M40          |       |
| OSAJ 40 / M25(M)*M40(F) | Brass  | 50065693 | M25          | M40          |       |
| OSAJ 40 / M32(M)*M40(F) | Brass  | 50065694 | M32          | M40          |       |
| OSAJ 50 / M25(M)*M50(F) | Brass  | 50065695 | M25          | M50          |       |
| OSAJ 50 / M32(M)*M50(F) | Brass  | 50065696 | M32          | M50          |       |
| OSAJ 50 / M40(M)*M50(F) | Brass  | 50065697 | M40          | M50          |       |
| OSAJ 63 / M32(M)*M63(F) | Brass  | 50065698 | M32          | M63          |       |
| OSAJ 63 / M40(M)*M63(F) | Brass  | 50065699 | M40          | M63          |       |
| OSAJ 63 / M50(M)*M63(F) | Brass  | 50065700 | M50          | M63          |       |
| OSAJ 75 / M40(M)*M75(F) | Brass  | 50065701 | M40          | M75          |       |
| OSAJ 75 / M50(M)*M75(F) | Brass  | 50065702 | M50          | M75          |       |
| OSAJ 75 / M63(M)*M75(F) | Brass  | 50065703 | M63          | M75          |       |

**Cable Glands - EX**

**EX d - Brass, Earth Tags, OSET**

Brass nickel-plated



OSET

| Type          | Colour | Code     | Size | Notes |
|---------------|--------|----------|------|-------|
| OSET 16 / M16 | Brass  | 50065634 | M16  |       |
| OSET 20 / M20 | Brass  | 50065635 | M20  |       |
| OSET 25 / M25 | Brass  | 50065636 | M25  |       |
| OSET 32 / M32 | Brass  | 50065637 | M32  |       |
| OSET 40 / M40 | Brass  | 50065638 | M40  |       |
| OSET 50 / M50 | Brass  | 50065639 | M50  |       |
| OSET 63 / M63 | Brass  | 50065640 | M63  |       |
| OSET 75 / M75 | Brass  | 50065641 | M75  |       |

**Cable Glands - EX**

**EX d - Plastic, Shrouds, Type A, OSSH-A**

CR



OSSH-A

| Type      | Colour | Code     | Suitable for Cable Glands | Notes |
|-----------|--------|----------|---------------------------|-------|
| OSSH-A-16 |        | 50065626 | OS-E1UF-U 16              |       |
| OSSH-A-20 |        | 50065627 | OS-E1UF-U 20              |       |
| OSSH-A-25 |        | 50065628 | OS-E1UF-U 25              |       |
| OSSH-A-32 |        | 50065629 | OS-E1UF-U 32              |       |
| OSSH-A-40 |        | 50065630 | OS-E1UF-U 40              |       |
| OSSH-A-50 |        | 50065631 | OS-E1UF-U 50              |       |
| OSSH-A-63 |        | 50065632 | OS-E1UF-U 63              |       |
| OSSH-A-75 |        | 50065633 | OS-E1UF-U 75              |       |

**Cable Glands - EX**

**EX d - Plastic, Shrouds, Type B, OSSH-B**

CR



OSSH-B

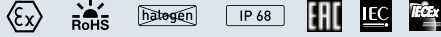
| Type      | Colour | Code     | Suitable for Cable Glands | Notes |
|-----------|--------|----------|---------------------------|-------|
| OSSH-B-16 |        | 50065642 | OS-A2F-U 16               |       |
| OSSH-B-20 |        | 50065643 | OS-A2F-U 20               |       |
| OSSH-B-25 |        | 50065644 | OS-A2F-U 25               |       |
| OSSH-B-32 |        | 50065645 | OS-A2F-U 32               |       |
| OSSH-B-40 |        | 50065646 | OS-A2F-U 40               |       |
| OSSH-B-50 |        | 50065647 | OS-A2F-U 50               |       |
| OSSH-B-63 |        | 50065648 | OS-A2F-U 63               |       |
| OSSH-B-75 |        | 50065649 | OS-A2F-U 75               |       |

# CABLE GLANDS - EX ACCESSORIES

## Cable Glands - EX Accessories

### Polyamide, Stop End, EX-EVSG

IP66 / IP68 (5 bar 30 min), Polyamide, gasket EPDM, temperature range -40°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



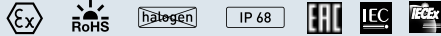
EX-EVSG

| Type       | Colour | Code     | Size | Long Thread (mm) | Notes |
|------------|--------|----------|------|------------------|-------|
| EX-EVSG 12 |        | 10065300 | M12  | 15               |       |
| EX-EVSG 16 |        | 10065301 | M16  | 15               |       |
| EX-EVSG 20 |        | 10065302 | M20  | 15               |       |
| EX-EVSG 25 |        | 10065303 | M25  | 15               |       |
| EX-EVSG 32 |        | 10065304 | M32  | 15               |       |
| EX-EVSG 40 |        | 10065305 | M40  | 15               |       |
| EX-EVSG 50 |        | 10065306 | M50  | 15               |       |
| EX-EVSG 63 |        | 10065307 | M63  | 15               |       |
| EX-EVSG 75 |        | 10065308 | M75  | 15               |       |

## Cable Glands - EX Accessories

### Polyamide, Stop End, LowTemp, EX-EVSG LT

IP66 / IP68 (5 bar 30 min), Polyamide, gasket silicone, low temperature -60°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



EX-EVSG LT

| Type          | Colour | Code     | Size | Long Thread (mm) | Notes |
|---------------|--------|----------|------|------------------|-------|
| EX-EVSG 12 LT |        | 10109529 | M12  | 15               |       |
| EX-EVSG 16 LT |        | 10109530 | M16  | 15               |       |
| EX-EVSG 20 LT |        | 10109531 | M20  | 15               |       |
| EX-EVSG 25 LT |        | 10109532 | M25  | 15               |       |
| EX-EVSG 32 LT |        | 10109533 | M32  | 15               |       |
| EX-EVSG 40 LT |        | 10109534 | M40  | 15               |       |
| EX-EVSG 50 LT |        | 10109535 | M50  | 15               |       |
| EX-EVSG 63 LT |        | 10109536 | M63  | 15               |       |
| EX-EVSG 75 LT |        | 10109537 | M75  | 15               |       |

## Cable Glands - EX Accessories

### Polyamide, Enlargement Adaptors, EX-KEM

IP66 / IP68 (5 bar 30 min), Polyamide, fibre reinforced, gasket EPDM, temperature range -40°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



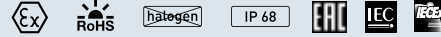
EX-KEM

| Type         | Colour | Code     | Outer Thread | Inner Thread | Notes |
|--------------|--------|----------|--------------|--------------|-------|
| EX-KEM 12/16 |        | 10064741 | M12          | M16          |       |
| EX-KEM 16/20 |        | 10064742 | M16          | M20          |       |
| EX-KEM 20/25 |        | 10064743 | M20          | M25          |       |
| EX-KEM 25/32 |        | 10064744 | M25          | M32          |       |
| EX-KEM 32/40 |        | 10064745 | M32          | M40          |       |
| EX-KEM 40/50 |        | 10064746 | M40          | M50          |       |
| EX-KEM 50/63 |        | 10064747 | M50          | M63          |       |

## Cable Glands - EX Accessories

### Polyamide, Reduction Adaptors, EX-KRM

IP66 / IP68 (5 bar 30 min), Polyamide, fibre reinforced, gasket EPDM, temperature range -40°C - 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



EX-KEM

| Type         | Colour | Code     | Outer Thread | Inner Thread | Notes |
|--------------|--------|----------|--------------|--------------|-------|
| EX-KRM 16/12 |        | 10064720 | M16          | M12          |       |
| EX-KRM 20/12 |        | 10064721 | M20          | M12          |       |
| EX-KRM 20/16 |        | 10064722 | M20          | M16          |       |
| EX-KRM 25/12 |        | 10064723 | M25          | M12          |       |
| EX-KRM 25/16 |        | 10064724 | M25          | M16          |       |
| EX-KRM 25/20 |        | 10064725 | M25          | M20          |       |
| EX-KRM 32/16 |        | 10064726 | M32          | M16          |       |
| EX-KRM 32/20 |        | 10064727 | M32          | M20          |       |
| EX-KRM 32/25 |        | 10064728 | M32          | M25          |       |
| EX-KRM 40/20 |        | 10064729 | M40          | M20          |       |
| EX-KRM 40/25 |        | 10064730 | M40          | M25          |       |
| EX-KRM 40/32 |        | 10064731 | M40          | M32          |       |
| EX-KRM 50/20 |        | 10064732 | M50          | M20          |       |
| EX-KRM 50/25 |        | 10064733 | M50          | M25          |       |
| EX-KRM 50/32 |        | 10064734 | M50          | M32          |       |
| EX-KRM 50/40 |        | 10064735 | M50          | M40          |       |
| EX-KRM 63/20 |        | 10064736 | M63          | M20          |       |
| EX-KRM 63/25 |        | 10064737 | M63          | M25          |       |
| EX-KRM 63/32 |        | 10064738 | M63          | M32          |       |
| EX-KRM 63/40 |        | 10064739 | M63          | M40          |       |
| EX-KRM 63/50 |        | 10064740 | M63          | M50          |       |



**Cable Glands - EX Accessories**

**Polyamide, Adaptors, PG to Metric, EX-APM**

IP66 / IP68 (5 bar 30 min), Polyamide, fibre reinforced, gasket EPDM, temperature range -40°C · 75°C, marking Ex eb / Ex tb, approval IECEx / ATEX



EX-APM - Form A



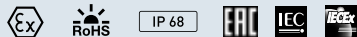
EX-APM - Form B

| Type           | Colour | Code     | Outer Thread (PG) | Inner Thread (mm) | Form | Notes |
|----------------|--------|----------|-------------------|-------------------|------|-------|
| EX-APM 7/12    |        | 10064748 | PG 7              | M12               | A    |       |
| EX-APM 7/16    |        | 10064749 | PG 7              | M16               | A    |       |
| EX-APM 9/12    |        | 10064750 | PG 9              | M12               | A    |       |
| EX-APM 9/16    |        | 10064751 | PG 9              | M16               | A    |       |
| EX-APM 9/20    |        | 10064752 | PG 9              | M20               | A    |       |
| EX-APM 11/16   |        | 10064753 | PG 11             | M16               | A    |       |
| EX-APM 11/20   |        | 10064754 | PG 11             | M20               | A    |       |
| EX-APM 11/25   |        | 10064755 | PG 11             | M25               | A    |       |
| EX-APM 13,5/16 |        | 10064756 | PG 13.5           | M16               | A    |       |
| EX-APM 13,5/20 |        | 10064757 | PG 13.5           | M20               | A    |       |
| EX-APM 13,5/25 |        | 10064758 | PG 13.5           | M25               | A    |       |
| EX-APM 16/20   |        | 10064759 | PG 16             | M20               | A    |       |
| EX-APM 16/25   |        | 10064760 | PG 16             | M25               | A    |       |
| EX-APM 16/32   |        | 10064761 | PG 16             | M32               | A    |       |
| EX-APM 21/20   |        | 10064762 | PG 21             | M20               | B    |       |
| EX-APM 21/25   |        | 10064763 | PG 21             | M25               | A    |       |
| EX-APM 21/32   |        | 10064764 | PG 21             | M32               | A    |       |
| EX-APM 21/40   |        | 10064765 | PG 21             | M40               | A    |       |
| EX-APM 29/20   |        | 10064766 | PG 29             | M20               | B    |       |
| EX-APM 29/25   |        | 10064767 | PG 29             | M25               | B    |       |
| EX-APM 29/32   |        | 10064768 | PG 29             | M32               | B    |       |
| EX-APM 29/40   |        | 10064769 | PG 29             | M40               | A    |       |
| EX-APM 29/50   |        | 10064770 | PG 29             | M50               | A    |       |
| EX-APM 36/20   |        | 10064771 | PG 36             | M20               | B    |       |
| EX-APM 36/25   |        | 10064772 | PG 36             | M25               | B    |       |
| EX-APM 36/32   |        | 10064773 | PG 36             | M32               | B    |       |
| EX-APM 36/40   |        | 10064774 | PG 36             | M40               | B    |       |
| EX-APM 36/50   |        | 10064775 | PG 36             | M50               | A    |       |
| EX-APM 36/63   |        | 10064776 | PG 36             | M63               | A    |       |
| EX-APM 42/20   |        | 10064777 | PG 42             | M20               | B    |       |
| EX-APM 42/25   |        | 10064778 | PG 42             | M25               | B    |       |
| EX-APM 42/32   |        | 10064779 | PG 42             | M32               | B    |       |
| EX-APM 42/40   |        | 10064780 | PG 42             | M40               | B    |       |
| EX-APM 42/50   |        | 10064781 | PG 42             | M50               | A    |       |
| EX-APM 42/63   |        | 10064782 | PG 42             | M63               | A    |       |
| EX-APM 48/20   |        | 10064783 | PG 48             | M20               | B    |       |
| EX-APM 48/25   |        | 10064784 | PG 48             | M25               | B    |       |
| EX-APM 48/32   |        | 10064785 | PG 48             | M32               | B    |       |
| EX-APM 48/40   |        | 10064786 | PG 48             | M40               | B    |       |
| EX-APM 48/50   |        | 10064787 | PG 48             | M50               | B    |       |
| EX-APM 48/63   |        | 10064788 | PG 48             | M63               | A    |       |

**Cable Glands - EX Accessories**

**Brass, Stop Ends with O-Ring, EX-EMVS**

IP66 / IP68 (5 bar 30 min), Brass nickel-plated, gasket EPDM, temperature range -40°C · 120°C, marking Ex eb / Ex tb, approval IECEx / ATEX



EX-EMVS

Continued...

| Type       | Colour | Code     | Size | Notes |
|------------|--------|----------|------|-------|
| EX-EMVS 12 | Brass  | 10065331 | M12  |       |
| EX-EMVS 16 | Brass  | 10065332 | M16  |       |
| EX-EMVS 20 | Brass  | 10065333 | M20  |       |
| EX-EMVS 25 | Brass  | 10065334 | M25  |       |
| EX-EMVS 32 | Brass  | 10065335 | M32  |       |
| EX-EMVS 40 | Brass  | 10065336 | M40  |       |
| EX-EMVS 50 | Brass  | 10065337 | M50  |       |
| EX-EMVS 63 | Brass  | 10065338 | M63  |       |

**Cable Glands - EX Accessories**

**Brass, Stop Ends with O-Ring, LowTemp, EX-EMVS LT**

IP66 / IP68 (5 bar 30 min), Brass nickel-plated, gasket EPDM, low temperature -60°C · 120°C, marking Ex eb / Ex tb, approval IECEx / ATEX



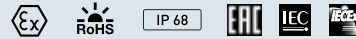
EX-EMVS LT

| Type          | Colour | Code     | Size | Notes |
|---------------|--------|----------|------|-------|
| EX-EMVS 12 LT | Brass  | 10109790 | M12  |       |
| EX-EMVS 16 LT | Brass  | 10109791 | M16  |       |
| EX-EMVS 20 LT | Brass  | 10109792 | M20  |       |
| EX-EMVS 25 LT | Brass  | 10109559 | M25  |       |
| EX-EMVS 32 LT | Brass  | 10109793 | M32  |       |
| EX-EMVS 40 LT | Brass  | 10109794 | M40  |       |
| EX-EMVS 50 LT | Brass  | 10109795 | M50  |       |
| EX-EMVS 63 LT | Brass  | 10109796 | M63  |       |

**Cable Glands - EX Accessories**

**Brass, Stop Ends with O-Ring to DIN 89284, EX-VSM**

IP66 / IP68 (5 bar 30 min), Brass, gasket EPDM, temperature range -40°C · 120°C, marking Ex eb / Ex tb, approval IECEx / ATEX



EX-VSM

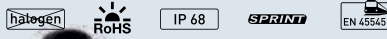
| Type         | Colour | Code     | Size | Notes |
|--------------|--------|----------|------|-------|
| EX-VSM 18    | Brass  | 10030200 | M18  |       |
| EX-VSM 20    | Brass  | 10030201 | M20  |       |
| EX-VSM 24    | Brass  | 10030202 | M24  |       |
| EX-VSM 25    | Brass  | 10030203 | M25  |       |
| EX-VSM 30    | Brass  | 10030204 | M30  |       |
| EX-VSM 32    | Brass  | 10030205 | M32  |       |
| EX-VSM 20 Ni | Brass  | 10030211 | M20  |       |
| EX-VSM 24 Ni | Brass  | 10030208 | M24  |       |
| EX-VSM 25 Ni | Brass  | 10030206 | M25  |       |

# CABLE GLANDS - RAILWAY EN 45545

## Cable Glands - Railway EN 45545

### SPRINT - Plastic Cable Gland - ESKV RW

IP68 (5 bar 30 mins) / IP69, polyamide UL94-V0, gasket EPDM, temperature range -40°C - 100°C, glow wire test 960°C.

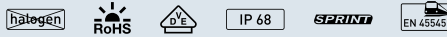


| Type       | Colour | Code     | Size | Clamping Range (mm) | Notes |
|------------|--------|----------|------|---------------------|-------|
| ESKV 12 RW |        | 10105492 | M12  | 3 - 7               |       |
| ESKV 16 RW |        | 10105493 | M16  | 4.5 - 10            |       |
| ESKV 20 RW |        | 10105494 | M20  | 6 - 13              |       |
| ESKV 25 RW |        | 10105495 | M25  | 9 - 17              |       |
| ESKV 32 RW |        | 10105496 | M32  | 13 - 21             |       |
| ESKV 40 RW |        | 10105497 | M40  | 16 - 28             |       |
| ESKV 50 RW |        | 10105498 | M50  | 21 - 35             |       |
| ESKV 63 RW |        | 10105499 | M63  | 34 - 48             |       |
| ESKV 12 RW |        | 10105810 | M12  | 3 - 7               |       |
| ESKV 16 RW |        | 10105811 | M16  | 4.5 - 10            |       |
| ESKV 20 RW |        | 10105812 | M20  | 6 - 13              |       |
| ESKV 25 RW |        | 10105813 | M25  | 9 - 17              |       |
| ESKV 32 RW |        | 10105814 | M32  | 13 - 21             |       |
| ESKV 40 RW |        | 10105815 | M40  | 16 - 28             |       |
| ESKV 50 RW |        | 10105816 | M50  | 21 - 35             |       |
| ESKV 63 RW |        | 10105817 | M63  | 34 - 48             |       |

## Cable Glands - Railway EN 45545

### SPRINT - Brass Cable Gland - EMSKV RW

IP68 (5 bar 30 mins) / IP69, brass nickel-plated gland, clamping cage polyamide UL94-V0, gasket EPDM, temperature range -40°C - 100°C



| Type        | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| EMSKV 12 RW | Brass  | 10104293 | M12  | 3 - 7               |       |
| EMSKV 16 RW | Brass  | 10104294 | M16  | 4.5 - 10            |       |
| EMSKV 20 RW | Brass  | 10104296 | M20  | 6 - 13              |       |
| EMSKV 25 RW | Brass  | 10104297 | M25  | 9 - 17              |       |
| EMSKV 32 RW | Brass  | 10104298 | M32  | 13 - 21             |       |
| EMSKV 40 RW | Brass  | 10104299 | M40  | 16 - 28             |       |
| EMSKV 50 RW | Brass  | 10104300 | M50  | 21 - 35             |       |
| EMSKV 63 RW | Brass  | 10104301 | M63  | 34 - 48             |       |
| EMSKV 75 RW | Brass  | 10104302 | M75  | 48 - 62             |       |

## Cable Glands - Railway EN 45545

### SPRINT - Brass Cable Gland - Long Thread EMSKV-L RW

IP68 (5 bar 30 mins) / IP69, brass nickel-plated gland, clamping cage polyamide UL94-V0, gasket EPDM, temperature range -40°C - 100°C

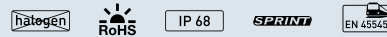


| Type          | Colour | Code     | Size | Thread Length (mm) | Clamping Range (mm) | Notes |
|---------------|--------|----------|------|--------------------|---------------------|-------|
| EMSKV-L 12 RW | Brass  | 10106174 | M12  | 12                 | 3 - 7               |       |
| EMSKV-L 16 RW | Brass  | 10106175 | M16  | 12                 | 4.5 - 10            |       |
| EMSKV-L 20 RW | Brass  | 10106176 | M20  | 12                 | 6 - 13              |       |
| EMSKV-L 25 RW | Brass  | 10106177 | M25  | 12                 | 9 - 17              |       |
| EMSKV-L 32 RW | Brass  | 10106178 | M32  | 15                 | 13 - 21             |       |
| EMSKV-L 40 RW | Brass  | 10106179 | M40  | 15                 | 16 - 28             |       |
| EMSKV-L 50 RW | Brass  | 10106180 | M50  | 15                 | 21 - 35             |       |
| EMSKV-L 63 RW | Brass  | 10106181 | M63  | 15                 | 34 - 48             |       |

## Cable Glands - Railway EN 45545

### SPRINT - Brass Cable Gland - LowTemp EMSKV LT RW

IP68 (5 bar 30 mins) / IP69, brass nickel-plated gland, clamping cage polyamide UL94-V0, gasket silicone, low temperature -60°C - 100°C

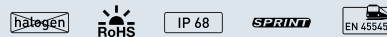


| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMSKV 12 LT RW | Brass  | 10105823 | M12  | 3 - 7               |       |
| EMSKV 16 LT RW | Brass  | 10105824 | M16  | 4.5 - 10            |       |
| EMSKV 20 LT RW | Brass  | 10105825 | M20  | 6 - 13              |       |
| EMSKV 25 LT RW | Brass  | 10105826 | M25  | 9 - 17              |       |
| EMSKV 32 LT RW | Brass  | 10105827 | M32  | 13 - 21             |       |
| EMSKV 40 LT RW | Brass  | 10105828 | M40  | 16 - 28             |       |

## Cable Glands - Railway EN 45545

### SPRINT - Brass Cable Gland - with Earthing Cones DIN 89345 EMSKV EMV-Z RW

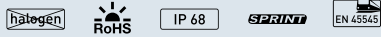
IP68 (5 bar 30 mins) / IP69, brass nickel-plated gland, clamping cage polyamide UL94-V0, gasket EPDM, earthing cones Brass chromium plated, temperature range -40°C - 100°C



| Type              | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|--------|----------|------|---------------------|-------|
| EMSKV 12 EMV-Z RW | Brass  | 10104303 | M12  | 3 - 7               |       |
| EMSKV 16 EMV-Z RW | Brass  | 10104304 | M16  | 4.5 - 10            |       |
| EMSKV 20 EMV-Z RW | Brass  | 10104305 | M20  | 6 - 13              |       |
| EMSKV 25 EMV-Z RW | Brass  | 10104306 | M25  | 9 - 17              |       |
| EMSKV 32 EMV-Z RW | Brass  | 10104307 | M32  | 13 - 21             |       |
| EMSKV 40 EMV-Z RW | Brass  | 10104308 | M40  | 16 - 28             |       |
| EMSKV 50 EMV-Z RW | Brass  | 10104309 | M50  | 21 - 35             |       |
| EMSKV 63 EMV-Z RW | Brass  | 10104310 | M63  | 34 - 48             |       |
| EMSKV 75 EMV-Z RW | Brass  | 10104311 | M75  | 48 - 63             |       |

### Cable Glands - Railway EN 45545

**SPRINT** - Brass Cable Gland - LowTemp with Earthing Cones DIN 89345 EMSKV LT EMV-Z RW IP68 (5 bar 30 mins) / IP69, brass nickel-plated gland, clamping cage polyamide UL94-V0, gasket silicone, earthing cones Brass chromium plated, low temperature -60°C - 100°C

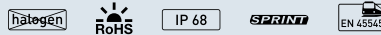


| Type                 | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------------|--------|----------|------|---------------------|-------|
| EMSKV 12 LT EMV-Z RW | Brass  | 10105848 | M12  | 3 - 7               |       |
| EMSKV 16 LT EMV-Z RW | Brass  | 10105849 | M16  | 4.5 - 10            |       |
| EMSKV 20 LT EMV-Z RW | Brass  | 10105850 | M20  | 6 - 13              |       |
| EMSKV 25 LT EMV-Z RW | Brass  | 10105851 | M25  | 9 - 17              |       |
| EMSKV 32 LT EMV-Z RW | Brass  | 10105852 | M32  | 13 - 21             |       |
| EMSKV 40 LT EMV-Z RW | Brass  | 10105853 | M40  | 16 - 28             |       |

### Cable Glands - Railway EN 45545

#### SPRINT - Stainless Steel Cable Gland - ESSKV RW

IP68 (5 bar 30 mins) / IP69, stainless steel A2 (1.4305) gland, clamping cage polyamide UL94-V0, gasket EPDM, temperature range -40°C - 100°C

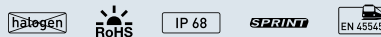


| Type        | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-------------|-----------------|----------|------|---------------------|-------|
| ESSKV 12 RW | Stainless Steel | 10105832 | M12  | 3 - 7               |       |
| ESSKV 16 RW | Stainless Steel | 10105833 | M16  | 4.5 - 10            |       |
| ESSKV 20 RW | Stainless Steel | 10105834 | M20  | 6 - 13              |       |
| ESSKV 25 RW | Stainless Steel | 10105835 | M25  | 9 - 17              |       |
| ESSKV 32 RW | Stainless Steel | 10105836 | M32  | 13 - 21             |       |
| ESSKV 40 RW | Stainless Steel | 10105837 | M40  | 16 - 28             |       |
| ESSKV 50 RW | Stainless Steel | 10105838 | M50  | 21 - 35             |       |
| ESSKV 63 RW | Stainless Steel | 10105839 | M63  | 34 - 48             |       |

### Cable Glands - Railway EN 45545

#### SPRINT - Stainless Steel Cable Gland - LowTemp ESSKV LT RW

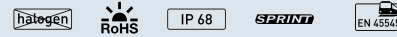
IP68 (5 bar 30 mins) / IP69, stainless steel A2 (1.4305) gland, clamping cage polyamide UL94-V0, gasket silicone, low temperature -60°C - 100°C



| Type           | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------|-----------------|----------|------|---------------------|-------|
| ESSKV 12 LT RW | Stainless Steel | 10105840 | M12  | 3 - 7               |       |
| ESSKV 16 LT RW | Stainless Steel | 10105841 | M16  | 4.5 - 10            |       |
| ESSKV 20 LT RW | Stainless Steel | 10105842 | M20  | 6 - 13              |       |
| ESSKV 25 LT RW | Stainless Steel | 10105843 | M25  | 9 - 17              |       |
| ESSKV 32 LT RW | Stainless Steel | 10105844 | M32  | 13 - 21             |       |
| ESSKV 40 LT RW | Stainless Steel | 10105845 | M40  | 16 - 28             |       |

### Cable Glands - Railway EN 45545

**SPRINT** - Stainless Steel Cable Gland - with Earthing Cones DIN 89345 ESSKV EMV-Z RW IP68 (5 bar 30 mins) / IP69, stainless steel A2 (1.4305) gland, clamping cage polyamide UL94-V0, gasket EPDM, earthing cones Brass chromium-plated, temperature range -40°C - 100°C



| Type              | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|-----------------|----------|------|---------------------|-------|
| ESSKV 12 EMV-Z RW | Stainless Steel | 10105857 | M12  | 3 - 7               |       |
| ESSKV 16 EMV-Z RW | Stainless Steel | 10105858 | M16  | 4.5 - 10            |       |
| ESSKV 20 EMV-Z RW | Stainless Steel | 10105859 | M20  | 6 - 13              |       |
| ESSKV 25 EMV-Z RW | Stainless Steel | 10105860 | M25  | 9 - 17              |       |
| ESSKV 32 EMV-Z RW | Stainless Steel | 10105861 | M32  | 13 - 21             |       |
| ESSKV 40 EMV-Z RW | Stainless Steel | 10105862 | M40  | 16 - 28             |       |
| ESSKV 50 EMV-Z RW | Stainless Steel | 10105863 | M50  | 21 - 35             |       |
| ESSKV 63 EMV-Z RW | Stainless Steel | 10105864 | M63  | 34 - 48             |       |

### Cable Glands - Railway EN 45545

**SPRINT** - Stainless Steel Cable Gland - LowTemp with Earthing Cones DIN 89345 ESSKV LT EMV-Z RW IP68 (5 bar 30 mins) / IP69, stainless steel A2 (1.4305) gland, clamping cage polyamide UL94-V0, gasket silicone, earthing cones Brass chromium-plated, low temperature -60°C - 100°C



| Type                 | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------------|-----------------|----------|------|---------------------|-------|
| ESSKV 12 LT EMV-Z RW | Stainless Steel | 10105865 | M12  | 3 - 7               |       |
| ESSKV 16 LT EMV-Z RW | Stainless Steel | 10105866 | M16  | 4.5 - 10            |       |
| ESSKV 20 LT EMV-Z RW | Stainless Steel | 10105867 | M20  | 6 - 13              |       |
| ESSKV 25 LT EMV-Z RW | Stainless Steel | 10105868 | M25  | 9 - 17              |       |
| ESSKV 32 LT EMV-Z RW | Stainless Steel | 10105869 | M32  | 13 - 21             |       |
| ESSKV 40 LT EMV-Z RW | Stainless Steel | 10105870 | M40  | 16 - 28             |       |

### Cable Glands - Railway EN 45545

#### SPRINT - Breathable Brass Cable Gland - VentGLAND EMSVG RW

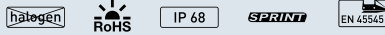
IP68 (5 bar 30 mins) / IP69, brass nickel-plated gland, clamping cage polyamide UL94-V0, membrane ePTFE, temperature range -40°C - 100°C



| Type        | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| EMVSG 16 RW | Brass  | 10105873 | M16  | 4.5 - 10            |       |
| EMVSG 20 RW | Brass  | 10105874 | M20  | 6 - 13              |       |
| EMVSG 25 RW | Brass  | 10105875 | M25  | 9 - 17              |       |
| EMVSG 32 RW | Brass  | 10105876 | M32  | 13 - 21             |       |
| EMVSG 40 RW | Brass  | 10105877 | M40  | 16 - 28             |       |
| EMSVG 50 RW | Brass  | 10105878 | M50  | 21 - 35             |       |
| EMSVG 63 RW | Brass  | 10105879 | M63  | 34 - 48             |       |

### Cable Glands - Railway EN 45545

**SPRINT - Breathable Brass Cable Gland - LowTemp VentGLAND EMSVG LT RW**  
IP68 (5 bar 30 mins) / IP69, brass nickel-plated gland, clamping cage polyamide UL94-V0, gasket silicone, membrane ePTFE, low temperature -60°C - 100°C



| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMVSG 16 LT RW | Brass  | 10105880 | M16  | 4.5 - 10            |       |
| EMVSG 20 LT RW | Brass  | 10105881 | M20  | 6 - 13              |       |
| EMVSG 25 LT RW | Brass  | 10105882 | M25  | 9 - 17              |       |
| EMVSG 32 LT RW | Brass  | 10105883 | M32  | 13 - 21             |       |
| EMVSG 40 LT RW | Brass  | 10105884 | M40  | 16 - 28             |       |
| EMVSG 50 LT RW | Brass  | 10105885 | M50  | 21 - 35             |       |
| EMVSG 63 LT RW | Brass  | 10105886 | M63  | 34 - 48             |       |

### Cable Glands - Railway EN 45545

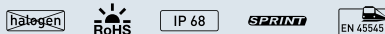
**SPRINT - Breathable Brass Cable Gland - with Earthing Cones DIN 89345 VentGLAND EMSVG EMV-Z RW**  
IP68 (5 bar 30 mins) / IP69, brass nickel-plated gland, clamping cage polyamide UL94-V0, gasket EPDM, membrane ePTFE, earthing cones Brass chromium-plated, temperature range -40°C - 100°C



| Type              | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|--------|----------|------|---------------------|-------|
| EMVSG 16 EMV-Z RW | Brass  | 10105887 | M16  | 4.5 - 10            |       |
| EMVSG 20 EMV-Z RW | Brass  | 10105888 | M20  | 6 - 13              |       |
| EMVSG 25 EMV-Z RW | Brass  | 10105889 | M25  | 9 - 17              |       |
| EMVSG 32 EMV-Z RW | Brass  | 10105890 | M32  | 13 - 21             |       |
| EMVSG 40 EMV-Z RW | Brass  | 10105891 | M40  | 16 - 28             |       |
| EMVSG 50 EMV-Z RW | Brass  | 10105892 | M50  | 21 - 35             |       |
| EMVSG 63 EMV-Z RW | Brass  | 10105893 | M63  | 34 - 48             |       |

### Cable Glands - Railway EN 45545

**SPRINT - Breathable Brass Cable Gland - LowTemp with Earthing Cones DIN 89345 VentGLAND EMSVG LT EMV-Z RW**  
IP68 (5 bar 30 mins) / IP69, brass nickel-plated gland, clamping cage polyamide UL94-V0, gasket EPDM, membrane ePTFE, earthing cones Brass chromium-plated, low temperature -60°C - 100°C



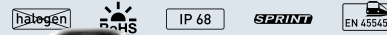
| Type                 | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------------|--------|----------|------|---------------------|-------|
| EMVSG 16 LT EMV-Z RW | Brass  | 10105894 | M16  | 4.5 - 10            |       |
| EMVSG 20 LT EMV-Z RW | Brass  | 10105895 | M20  | 6 - 13              |       |

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| Type                 | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------------|--------|----------|------|---------------------|-------|
| EMVSG 25 LT EMV-Z RW | Brass  | 10105896 | M25  | 9 - 17              |       |
| EMVSG 32 LT EMV-Z RW | Brass  | 10105897 | M32  | 13 - 21             |       |
| EMVSG 40 LT EMV-Z RW | Brass  | 10105898 | M40  | 16 - 28             |       |
| EMVSG 50 LT EMV-Z RW | Brass  | 10105899 | M50  | 21 - 35             |       |
| EMVSG 63 LT EMV-Z RW | Brass  | 10105900 | M63  | 34 - 48             |       |

### Cable Glands - Railway EN 45545

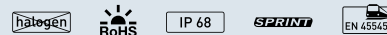
**SPRINT - Breathable Stainless Steel Cable Gland - VentGLAND ESSVG RW**  
IP68 (5 bar 30 mins) / IP69, stainless steel A2 (1.4305) gland, clamping cage polyamide UL94-V0, gasket EPDM, membrane ePTFE, temperature range -40°C - 100°C



| Type        | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-------------|-----------------|----------|------|---------------------|-------|
| ESSVG 16 RW | Stainless Steel | 10105901 | M16  | 4.5 - 10            |       |
| ESSVG 20 RW | Stainless Steel | 10105902 | M20  | 6 - 13              |       |
| ESSVG 25 RW | Stainless Steel | 10105903 | M25  | 9 - 17              |       |
| ESSVG 32 RW | Stainless Steel | 10105904 | M32  | 13 - 21             |       |
| ESSVG 40 RW | Stainless Steel | 10105905 | M40  | 16 - 28             |       |
| ESSVG 50 RW | Stainless Steel | 10105906 | M50  | 21 - 35             |       |
| ESSVG 63 RW | Stainless Steel | 10105907 | M63  | 34 - 48             |       |

### Cable Glands - Railway EN 45545

**SPRINT - Breathable Stainless Steel Cable Gland - LowTemp VentGLAND ESSVG LT RW**  
IP68 (5 bar 30 mins) / IP69, stainless steel A2 (1.4305) gland, clamping cage polyamide UL94-V0, gasket silicone, membrane ePTFE, low temperature -60°C - 100°C



| Type           | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------|-----------------|----------|------|---------------------|-------|
| ESSVG 16 LT RW | Stainless Steel | 10105908 | M16  | 4.5 - 10            |       |
| ESSVG 20 LT RW | Stainless Steel | 10105909 | M20  | 6 - 13              |       |
| ESSVG 25 LT RW | Stainless Steel | 10105910 | M25  | 9 - 17              |       |
| ESSVG 32 LT RW | Stainless Steel | 10105911 | M32  | 13 - 21             |       |
| ESSVG 40 LT RW | Stainless Steel | 10105912 | M40  | 16 - 28             |       |
| ESSVG 50 LT RW | Stainless Steel | 10105913 | M50  | 21 - 35             |       |
| ESSVG 63 LT RW | Stainless Steel | 10105914 | M63  | 34 - 48             |       |



### Cable Glands - Railway EN 45545

**SPRINT** - Breathable Stainless Steel Cable Gland - with Earthing Cones DIN 89345 VentGLAND

ESSVG EMV-Z RW

IP68 (5 bar 30 mins) / IP69, stainless steel A2 (1.4305) gland, clamping cage polyamide UL94-V0, gasket silicone, membrane ePTFE, earthing cones brass-chromium-plated, temperature range -40°C - 100°C



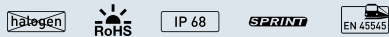
| Type              | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|-------------------|-----------------|----------|------|---------------------|-------|
| ESSVG 20 EMV-Z RW | Stainless Steel | 10105915 | M20  | 6 - 13              |       |
| ESSVG 25 EMV-Z RW | Stainless Steel | 10105916 | M25  | 9 - 17              |       |
| ESSVG 32 EMV-Z RW | Stainless Steel | 10105917 | M32  | 13 - 21             |       |
| ESSVG 40 EMV-Z RW | Stainless Steel | 10105918 | M40  | 16 - 28             |       |
| ESSVG 50 EMV-Z RW | Stainless Steel | 10105919 | M50  | 21 - 35             |       |
| ESSVG 63 EMV-Z RW | Stainless Steel | 10105920 | M63  | 34 - 48             |       |

### Cable Glands - Railway EN 45545

**SPRINT** - Breathable Stainless Steel Cable Gland - LowTemp with Earthing Cones DIN 89345

VentGLAND ESSVG LT EMV-Z RW

IP68 (5 bar 30 mins) / IP69, stainless steel A2 (1.4305) gland, clamping cage polyamide UL94-V0, gasket silicone, membrane ePTFE, earthing cones brass-chromium-plated, low temperature -60°C - 100°C

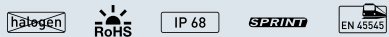


| Type                 | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------------|-----------------|----------|------|---------------------|-------|
| ESSVG 20 LT EMV-Z RW | Stainless Steel | 10105921 | M20  | 6 - 13              |       |
| ESSVG 25 LT EMV-Z RW | Stainless Steel | 10105922 | M25  | 9 - 17              |       |
| ESSVG 32 LT EMV-Z RW | Stainless Steel | 10105923 | M32  | 13 - 21             |       |
| ESSVG 40 LT EMV-Z RW | Stainless Steel | 10105924 | M40  | 16 - 28             |       |
| ESSVG 50 LT EMV-Z RW | Stainless Steel | 10105925 | M50  | 21 - 35             |       |
| ESSVG 63 LT EMV-Z RW | Stainless Steel | 10105926 | M63  | 34 - 48             |       |

### Cable Glands - Railway EN 45545

**SPRINT** - Sealing Inserts - Multiple Sealing Insert MFD RW

IP66 / IP68, thermoplastic elastomer, temperature range -40°C - 100°C



| Type             | Colour | Code     | Suitable for Cable Gland Size | No. of Insert Entries | Cable Entry Size (mm) | Notes |
|------------------|--------|----------|-------------------------------|-----------------------|-----------------------|-------|
| MFD 12/02/020 RW |        | 10105927 | M12                           | 2                     | 1 - 2                 |       |
| MFD 12/04/020 RW |        | 10105928 | M12                           | 4                     | 1.5 - 2               |       |
| MFD 16/02/040 RW |        | 10105929 | M16                           | 2                     | 2 - 4                 |       |
| MFD 16/03/021 RW |        | 10105930 | M16                           | 3                     | 1 - 2.1               |       |
| MFD 20/02/050 RW |        | 10105931 | M20                           | 2                     | 3 - 5                 |       |
| MFD 20/02/055 RW |        | 10110790 | M20                           | 2                     | 3.5 - 5.5             |       |

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| Type                    | Colour | Code     | Suitable for Cable Gland Size | No. of Insert Entries | Cable Entry Size (mm) | Notes |
|-------------------------|--------|----------|-------------------------------|-----------------------|-----------------------|-------|
| MFD 20/02/060 RW        |        | 10110039 | M20                           | 2                     | 4 - 6                 |       |
| MFD 20/02/065 RW        |        | 10109912 | M20                           | 2                     | 4.5 - 6.5             |       |
| MFD 20/03/040 RW        |        | 10105932 | M20                           | 3                     | 2 - 4                 |       |
| MFD 20/04/047 RW        |        | 10110482 | M20                           | 4                     | 2.7 - 4.7             |       |
| MFD 25/02/060 RW        |        | 10110015 | M25                           | 2                     | 4 - 6                 |       |
| MFD 25/02/070 RW        |        | 10105549 | M25                           | 2                     | 5 - 7                 |       |
| MFD 25/02/080 RW        |        | 10105548 | M25                           | 2                     | 6 - 8                 |       |
| MFD 25/01/094-01/058 RW |        | 10110521 | M25                           | 2                     | 3.8 - 9.4             |       |
| MFD 25/03/060 RW        |        | 10106734 | M25                           | 3                     | 4 - 6                 |       |
| MFD 25/03/070 RW        |        | 10106735 | M25                           | 3                     | 5 - 7                 |       |
| MFD 25/02/070-01/040 RW |        | 10105550 | M25                           | 3                     | 3 - 7                 |       |
| MFD 25/04/040 RW        |        | 10109456 | M25                           | 4                     | 2 - 4                 |       |
| MFD 25/04/060 RW        |        | 10108069 | M25                           | 4                     | 4 - 6                 |       |
| MFD 25/06/047 RW        |        | 10110483 | M25                           | 6                     | 2.7 - 4.7             |       |
| MFD 32/02/100 RW        |        | 10109542 | M32                           | 2                     | 8 - 10                |       |
| MFD 32/01/115-01/050 RW |        | 10105553 | M32                           | 2                     | 4 - 11.5              |       |
| MFD 32/03/065 RW        |        | 10110522 | M32                           | 3                     | 4.5 - 6.5             |       |
| MFD 32/03/080 RW        |        | 10105552 | M32                           | 3                     | 6 - 8                 |       |
| MFD 32/03/090 RW        |        | 10109524 | M32                           | 3                     | 7 - 9                 |       |
| MFD 32/04/070 RW        |        | 10109539 | M32                           | 4                     | 5 - 7                 |       |
| MFD 32/04/080 RW        |        | 10105547 | M32                           | 4                     | 6 - 8                 |       |
| MFD 32/06/060 RW        |        | 10110507 | M32                           | 6                     | 4 - 6                 |       |
| MFD 40/01/095-01/145 RW |        | 10110533 | M40                           | 2                     | 7.5 - 14.5            |       |
| MFD 40/03/125 RW        |        | 10110538 | M40                           | 3                     | 10.5 - 12.5           |       |
| MFD 40/02/120-01/070 RW |        | 10105546 | M40                           | 3                     | 7 - 12                |       |
| MFD 40/02/100-01/115 RW |        | 10109543 | M40                           | 3                     | 8 - 11.5              |       |
| MFD 40/02/105-01/125 RW |        | 10110535 | M40                           | 10                    | 8.5 - 12.5            |       |
| MFD 40/04/100 RW        |        | 10105933 | M40                           | 4                     | 8 - 10                |       |
| MFD 40/04/110 RW        |        | 10110537 | M40                           | 4                     | 9 - 11                |       |
| MFD 40/03/100-01/080 RW |        | 10109486 | M40                           | 4                     | 8 - 10                |       |
| MFD 40/02/065-02/070 RW |        | 10110529 | M40                           | 10                    | 4.5 - 7               |       |
| MFD 40/05/090 RW        |        | 10110527 | M40                           | 5                     | 7 - 9                 |       |
| MFD 40/05/095 RW        |        | 10110534 | M40                           | 5                     | 7.5 - 9.5             |       |
| MFD 40/03/086-02/100 RW |        | 10110532 | M40                           | 5                     | 6.6 - 10              |       |
| MFD 40/04/090-01/115 RW |        | 10110536 | M40                           | 5                     | 7 - 11.5              |       |
| MFD 40/06/090 RW        |        | 10110477 | M40                           | 6                     | 7 - 9                 |       |
| MFD 40/07/070 RW        |        | 10105934 | M40                           | 7                     | 5 - 7                 |       |
| MFD 40/07/080 RW        |        | 10110530 | M40                           | 7                     | 6 - 8                 |       |
| MFD 40/04/055-03/095 RW |        | 10110526 | M40                           | 7                     | 3.5 - 9.5             |       |
| MFD 40/02/086-05/070 RW |        | 10110531 | M40                           | 7                     | 5 - 8.6               |       |
| MFD 40/09/069 RW        |        | 10110523 | M40                           | 9                     | 4.9 - 6.9             |       |
| MFD 40/10/064 RW        |        | 10110528 | M40                           | 10                    | 4.4 - 6.4             |       |
| MFD 40/16/035 RW        |        | 10110478 | M40                           | 16                    | 2.5 - 3.5             |       |
| MFD 40/26/035 RW        |        | 10110485 | M40                           | 26                    | 2.5 - 3.5             |       |
| MFD 50/03/157 RW        |        | 10110479 | M50                           | 3                     | 13.7 - 15.7           |       |
| MFD 50/04/120 RW        |        | 10106726 | M50                           | 4                     | 10 - 12               |       |
| MFD 50/03/116-02/122 RW |        | 10110543 | M50                           | 5                     | 9.6 - 12.2            |       |
| MFD 50/05/112-01/104 RW |        | 10110542 | M50                           | 6                     | 8.4 - 11.2            |       |
| MFD 50/07/101 RW        |        | 10110541 | M50                           | 7                     | 8.1 - 10.1            |       |
| MFD 50/04/081-03/091 RW |        | 10110540 | M50                           | 7                     | 6.1 - 9.1             |       |
| MFD 50/08/090 RW        |        | 10110497 | M50                           | 8                     | 7 - 9                 |       |
| MFD 50/09/075 RW        |        | 10110480 | M50                           | 9                     | 5.5 - 7.5             |       |
| MFD 50/09/080 RW        |        | 10105935 | M50                           | 9                     | 6 - 8                 |       |
| MFD 50/10/070 RW        |        | 10110539 | M50                           | 10                    | 5 - 7                 |       |
| MFD 50/16/060 RW        |        | 10110481 | M50                           | 16                    | 4 - 6                 |       |
| MFD 50/25/050 RW        |        | 10105936 | M50                           | 25                    | 4 - 5                 |       |
| MFD 50/37/035 RW        |        | 10110498 | M50                           | 37                    | 2.5 - 3.5             |       |
| MFD 63/03/065 RW        |        | 10105937 | M63                           | 3                     | 4.5 - 6.5             |       |
| MFD 75/03/220 RW        |        | 10105588 | M75                           | 3                     | 20 - 22               |       |

# CABLE GLANDS - VENTING

## Cable Glands - Venting

### SPRINT - VentGLAND, Polyamide, EN 62444, ESVG

IP68 (5 bar 30 mins) / IP69, polyamide cable gland, gasket EPDM, w/wmembrane ePTFE, temperature range -40°C · 100°C, glow wire test 750°C.



ESVG

| Type    | Colour | Code     | Size | Clamping Range (mm) | Notes |
|---------|--------|----------|------|---------------------|-------|
| EVSG 16 |        | 10104412 | M16  | 4.5 - 10            |       |
| EVSG 20 |        | 10060974 | M20  | 6 - 13              |       |
| EVSG 25 |        | 10100666 | M25  | 9 - 17              |       |
| EVSG 32 |        | 10100801 | M32  | 13 - 21             |       |
| EVSG 40 |        | 10102471 | M40  | 16 - 28             |       |
| EVSG 16 |        | 10104413 | M16  | 4.5 - 10            |       |
| EVSG 20 |        | 10060802 | M20  | 6 - 13              |       |
| EVSG 25 |        | 10100667 | M25  | 9 - 17              |       |
| EVSG 32 |        | 10100802 | M32  | 13 - 21             |       |
| EVSG 40 |        | 10102472 | M40  | 16 - 28             |       |

## Cable Glands - Venting

### SPRINT - VentGLAND, Brass, EN 62444, EMSVG

IP68 (5 bar 30 mins) / IP69, Brass nickel-plated cable gland, gasket EPDM, clamping cage Polyamide, membrane ePTFE, temperature range -40°C · 100°C



EMSVG

| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| EMVSG 16 | Brass  | 10065899 | M16  | 4.5 - 10            |       |
| EMVSG 20 | Brass  | 10065900 | M20  | 6 - 13              |       |
| EMVSG 25 | Brass  | 10065901 | M25  | 9 - 17              |       |
| EMVSG 32 | Brass  | 10065902 | M32  | 13 - 21             |       |
| EMVSG 40 | Brass  | 10065903 | M40  | 16 - 28             |       |
| EMSVG 50 | Brass  | 10065904 | M50  | 21 - 35             |       |
| EMSVG 63 | Brass  | 10065905 | M63  | 34 - 48             |       |

## Cable Glands - Venting

**SPRINT - VentGLAND, Stainless Steel A2 (1.4305), EN 62444, ESSVG**  
IP68 (5 bar 30 mins) / IP69, Stainless Steel A2 (1.4305) cable gland, gasket EPDM, clamping cage Polyamide, membrane ePTFE, temperature range -40°C · 100°C



ESSVG

| Type     | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------|-----------------|----------|------|---------------------|-------|
| ESSVG 16 | Stainless Steel | 10104410 | M16  | 4.5 - 10            |       |
| ESSVG 20 | Stainless Steel | 10069400 | M20  | 6 - 13              |       |
| ESSVG 25 | Stainless Steel | 10069401 | M25  | 9 - 17              |       |
| ESSVG 32 | Stainless Steel | 10069402 | M32  | 13 - 21             |       |
| ESSVG 40 | Stainless Steel | 10069403 | M40  | 16 - 28             |       |
| ESSVG 50 | Stainless Steel | 10069404 | M50  | 21 - 35             |       |
| ESSVG 63 | Stainless Steel | 10069405 | M63  | 34 - 48             |       |

## Cable Glands - Venting

**SPRINT - VentGLAND, Stainless Steel A4 (1.4404), EN 62444, ESSVG-4**  
IP68 (5 bar 30 mins) / IP69, Stainless Steel A4 (1.4404) cable gland, gasket EPDM, clamping cage Polyamide, membrane ePTFE, temperature range -40°C · 100°C



ESSVG-4

| Type       | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|------------|-----------------|----------|------|---------------------|-------|
| ESSVG-4 16 | Stainless Steel | 10104411 | M16  | 4.5 - 10            |       |
| ESSVG-4 20 | Stainless Steel | 10069500 | M20  | 6 - 13              |       |
| ESSVG-4 25 | Stainless Steel | 10069501 | M25  | 9 - 17              |       |
| ESSVG-4 32 | Stainless Steel | 10069502 | M32  | 13 - 21             |       |
| ESSVG-4 40 | Stainless Steel | 10069503 | M40  | 16 - 28             |       |
| ESSVG-4 50 | Stainless Steel | 10069504 | M50  | 21 - 35             |       |
| ESSVG-4 63 | Stainless Steel | 10069505 | M63  | 34 - 48             |       |

## Cable Glands - Venting

**SPRINT - VentGLAND, Brass, with Contact Spring Insert, EN 62444, EMSVG EMV-S**  
IP68 (5 bar 30 mins) / IP69, Brass nickel-plated cable gland, gasket EPDM, clamping cage Polyamide, membrane ePTFE, earthing cones stainless steel 1.4310, temperature range -40°C · 100°C



EMSVG EMV-S

| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMSVG 20 EMV-S | Brass  | 10102715 | M20  | 6 - 13              |       |
| EMSVG 25 EMV-S | Brass  | 10102716 | M25  | 9 - 17              |       |

Continued...

| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMSVG 32 EMV-S | Brass  | 10102717 | M32  | 13 - 21             |       |
| EMSVG 40 EMV-S | Brass  | 10102718 | M40  | 16 - 28             |       |
| EMSVG 50 EMV-S | Brass  | 10102719 | M50  | 21 - 35             |       |
| EMSVG 63 EMV-S | Brass  | 10102720 | M63  | 34 - 48             |       |

#### Cable Glands - Venting

**SPRINT - VentGLAND, Brass, with Earthing Cones DIN 89345, EN 62444, EMSVG EMV-Z**  
IP68 (5 bar 30 mins) / IP69, Brass nickel-plated cable gland, gasket EPDM, clamping cage Polyamide, membrane ePTFE, Earthing cones Brass chromium-plated, temperature range -40°C - 100°C



EMSVG EMV-Z

| Type           | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------------|--------|----------|------|---------------------|-------|
| EMSVG 16 EMV-Z | Brass  | 10065994 | M16  | 4.5 - 10            |       |
| EMSVG 20 EMV-Z | Brass  | 10065906 | M20  | 6 - 13              |       |
| EMSVG 25 EMV-Z | Brass  | 10065907 | M25  | 9 - 17              |       |
| EMSVG 32 EMV-Z | Brass  | 10065908 | M32  | 13 - 21             |       |
| EMSVG 40 EMV-Z | Brass  | 10065909 | M40  | 16 - 28             |       |
| EMSVG 50 EMV-Z | Brass  | 10065910 | M50  | 21 - 35             |       |
| EMSVG 63 EMV-Z | Brass  | 10065911 | M63  | 34 - 48             |       |

#### Cable Glands - Venting

**SPRINT - VentGLAND, Stainless Steel A2 (1.4305), with Earthing Cones DIN 89345, EN 62444, ESSVG EMV-Z**  
IP68 (5 bar 30 mins) / IP69, Stainless Steel A2 (1.4305) cable gland, gasket EPDM, clamping cage Polyamide, membrane ePTFE, Earthing cones Brass chromium-plated, temperature range -40°C - 100°C



ESSVG EMV-Z

| Type           | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|----------------|-----------------|----------|------|---------------------|-------|
| ESSVG 20 EMV-Z | Stainless Steel | 10069406 | M20  | 6 - 13              |       |
| ESSVG 25 EMV-Z | Stainless Steel | 10069407 | M25  | 9 - 17              |       |
| ESSVG 32 EMV-Z | Stainless Steel | 10069408 | M32  | 13 - 21             |       |
| ESSVG 40 EMV-Z | Stainless Steel | 10069409 | M40  | 16 - 28             |       |
| ESSVG 50 EMV-Z | Stainless Steel | 10069410 | M50  | 21 - 35             |       |
| ESSVG 63 EMV-Z | Stainless Steel | 10069411 | M63  | 34 - 48             |       |

#### Cable Glands - Venting

**SPRINT - VentGLAND, Stainless Steel A4 (1.4404), with Earthing Cones DIN 89345, EN 62444, ESSVG-4 EMV-Z**  
IP68 (5 bar 30 mins) / IP69, Stainless Steel A4 (1.4404) cable gland, gasket EPDM, clamping cage Polyamide, membrane ePTFE, Earthing cones Brass chromium-plated, temperature range -40°C - 100°C



EMSVG-4 EMV-Z

| Type             | Colour          | Code     | Size | Clamping Range (mm) | Notes |
|------------------|-----------------|----------|------|---------------------|-------|
| ESSVG-4 20 EMV-Z | Stainless Steel | 10069506 | M20  | 6 - 13              |       |
| ESSVG-4 25 EMV-Z | Stainless Steel | 10069507 | M25  | 9 - 17              |       |
| ESSVG-4 32 EMV-Z | Stainless Steel | 10069508 | M32  | 13 - 21             |       |
| ESSVG-4 40 EMV-Z | Stainless Steel | 10069509 | M40  | 16 - 28             |       |
| ESSVG-4 50 EMV-Z | Stainless Steel | 10069510 | M50  | 21 - 35             |       |
| ESSVG-4 63 EMV-Z | Stainless Steel | 10069511 | M63  | 34 - 48             |       |

#### Cable Glands - Venting

**SPRINT - VentPLUG, Polyamide, EVPS**  
IP68 (5 bar 30 mins) / IP69, Polyamide, gasket EPDM, membrane ePTFE, temperature range -40°C - 100°C, glow wire test 750°C  
Airflow at 70 bar = 22LH



EVPS



| Type                    | Colour | Code     | Size | Airflow | Thread Length (mm) | Notes |
|-------------------------|--------|----------|------|---------|--------------------|-------|
| EVPS 12                 |        | 10102369 | M12  | 22LH    | 8                  |       |
| EVPS 20                 |        | 10106591 | M20  | 110LH   | 9                  |       |
| EVPS-L 20 (Long Thread) |        | 10106592 | M20  | 110LH   | 15                 |       |
| EVPS 40                 |        | 10106593 | M40  | 660LH   | 9                  |       |
| EVPS-L 40 (Long Thread) |        | 10106594 | M40  | 660LH   | 18                 |       |
| EVPS 12                 |        | 10102370 | M12  | 22LH    | 8                  |       |
| EVPS 20                 |        | 10106595 | M20  | 110LH   | 9                  |       |
| EVPS-L 20 (Long Thread) |        | 10106596 | M20  | 110LH   | 15                 |       |
| EVPS 40                 |        | 10106597 | M40  | 660LH   | 9                  |       |
| EVPS-L 40 (Long Thread) |        | 10106598 | M40  | 660LH   | 18                 |       |

#### Cable Glands - Venting

**SPRINT - VentPLUG, Polyamide, High Air Flow, EVPS HF**  
IP68 (5 bar 30 mins) / IP69, Polyamide, gasket TPE, membrane ePTFE HF, temperature range -40°C - 100°C, glow wire test 750°C  
Airflow at 70 bar = 34LH



EVPS

| Type                       | Colour | Code     | Size | Airflow | Thread Length (mm) | Notes |
|----------------------------|--------|----------|------|---------|--------------------|-------|
| EVPS HF 12                 |        | 10103263 | M12  | 34LH    | 8                  |       |
| EVPS HF 20                 |        | 10106615 | M20  | 280LH   | 9                  |       |
| EVPS-L HF 20 (Long Thread) |        | 10106616 | M20  | 280LH   | 15                 |       |
| EVPS HF 40                 |        | 10106617 | M40  | 1650LH  | 9                  |       |
| EVPS-L HF 40 (Long Thread) |        | 10106618 | M40  | 1650LH  | 18                 |       |

Continued...

| Type                    | Colour | Code     | Size | Airflow | Thread Length (mm) | Notes |
|-------------------------|--------|----------|------|---------|--------------------|-------|
| EVPS 12                 |        | 10103264 | M12  | 34LH    | 8                  |       |
| EVPS 20                 |        | 10106619 | M20  | 280LH   | 9                  |       |
| EVPS-L 20 (Long Thread) |        | 10106620 | M20  | 280LH   | 15                 |       |
| EVPS 40                 |        | 10106621 | M40  | 1650LH  | 9                  |       |
| EVPS-L 40 (Long Thread) |        | 10106622 | M40  | 1650LH  | 18                 |       |

**Cable Glands - Venting**

**SPRINT - VentPLUG, Brass, EMVPS**

IP68 (5 bar 30 mins) / IP69, Brass nickel-plated, gasket EPDM, clamping cage polyamide, membrane ePTFE, temperature range -40°C · 100°C  
Airflow at 70 bar = 22LH



EMVPS

| Type     | Colour | Code     | Size | Notes |
|----------|--------|----------|------|-------|
| EMVPS 12 | Brass  | 10103265 | M12  |       |

**Cable Glands - Venting**

**SPRINT - VentPLUG, Brass, High Air Flow, EMVPS HF**

IP68 (5 bar 30 mins) / IP69, Brass nickel-plated, gasket silicone, clamping cage polyamide, membrane ePTFE HF, temperature range -40°C · 100°C  
Airflow at 70 bar = 34LH



EMVPS HF

| Type        | Colour | Code     | Size | Notes |
|-------------|--------|----------|------|-------|
| EMVPS 12 HF | Brass  | 10103266 | M12  |       |

**CABLE GLANDS - COMPRESSION**

**Cable Glands - Compression**

**ShotGLAND, Brass, EN 62444, EMCGV**

IP68 (5 bar 30 mins), Gland Brass nickel-plated, gasket EPDM, temperature range -40°C · 120°C



EMCGV

| Type        | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------------|--------|----------|------|---------------------|-------|
| EMCGV 8-030 | Brass  | 10106389 | M8   | 2 · 3.3             |       |
| EMCGV 8-040 | Brass  | 10106390 | M8   | 3 · 4.3             |       |

Continued...

| Type         | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------|--------|----------|------|---------------------|-------|
| EMCGV 8-050  | Brass  | 10106391 | M8   | 4 · 5.3             |       |
| EMCGV 12-030 | Brass  | 10106392 | M12  | 2 · 3               |       |
| EMCGV 12-050 | Brass  | 10106393 | M12  | 3 · 5               |       |
| EMCGV 12-070 | Brass  | 10106394 | M12  | 5 · 7               |       |
| EMCGV 12-090 | Brass  | 10106395 | M12  | 7 · 9               |       |
| EMCGV 16-040 | Brass  | 10106396 | M16  | 2 · 4               |       |
| EMCGV 16-060 | Brass  | 10106397 | M16  | 4 · 6               |       |
| EMCGV 16-080 | Brass  | 10106398 | M16  | 6 · 8               |       |
| EMCGV 16-100 | Brass  | 10106399 | M16  | 8 · 10              |       |
| EMCGV 16-120 | Brass  | 10106400 | M16  | 10 · 12             |       |
| EMCGV 20-060 | Brass  | 10106401 | M20  | 4 · 6               |       |
| EMCGV 20-080 | Brass  | 10106402 | M20  | 6 · 8               |       |
| EMCGV 20-100 | Brass  | 10106403 | M20  | 8 · 10              |       |
| EMCGV 20-120 | Brass  | 10106404 | M20  | 10 · 12             |       |
| EMCGV 20-140 | Brass  | 10106405 | M20  | 12 · 14             |       |
| EMCGV 20-160 | Brass  | 10106406 | M20  | 14 · 16             |       |
| EMCGV 25-080 | Brass  | 10106407 | M25  | 6 · 8               |       |
| EMCGV 25-100 | Brass  | 10106408 | M25  | 8 · 10              |       |
| EMCGV 25-120 | Brass  | 10106409 | M25  | 10 · 12             |       |
| EMCGV 25-140 | Brass  | 10106410 | M25  | 12 · 14             |       |
| EMCGV 25-160 | Brass  | 10106411 | M25  | 14 · 16             |       |
| EMCGV 25-170 | Brass  | 10106412 | M25  | 15 · 17             |       |
| EMCGV 32-110 | Brass  | 10106413 | M32  | 9 · 11              |       |
| EMCGV 32-130 | Brass  | 10106414 | M32  | 11 · 13             |       |
| EMCGV 32-150 | Brass  | 10106415 | M32  | 13 · 15             |       |
| EMCGV 32-180 | Brass  | 10106416 | M32  | 16 · 18             |       |
| EMCGV 32-200 | Brass  | 10106417 | M32  | 18 · 20             |       |
| EMCGV 32-230 | Brass  | 10106419 | M32  | 21 · 23             |       |
| EMCGV 40-180 | Brass  | 10106420 | M40  | 16 · 18             |       |
| EMCGV 40-200 | Brass  | 10106421 | M40  | 18 · 20             |       |
| EMCGV 40-220 | Brass  | 10106422 | M40  | 20 · 22             |       |
| EMCGV 40-240 | Brass  | 10106423 | M40  | 22 · 24             |       |
| EMCGV 40-260 | Brass  | 10106424 | M40  | 24 · 26             |       |
| EMCGV 40-290 | Brass  | 10106425 | M40  | 26 · 29             |       |
| EMCGV 50-280 | Brass  | 10106426 | M50  | 26 · 28             |       |
| EMCGV 50-300 | Brass  | 10106427 | M50  | 28 · 30             |       |
| EMCGV 50-320 | Brass  | 10106428 | M50  | 30 · 32             |       |
| EMCGV 50-340 | Brass  | 10106429 | M50  | 32 · 34             |       |
| EMCGV 50-360 | Brass  | 10106430 | M50  | 34 · 36             |       |
| EMCGV 50-380 | Brass  | 10106431 | M50  | 36 · 38             |       |
| EMCGV 63-350 | Brass  | 10106432 | M63  | 33 · 35             |       |
| EMCGV 63-380 | Brass  | 10106433 | M63  | 35 · 38             |       |
| EMCGV 63-410 | Brass  | 10106434 | M63  | 38 · 41             |       |
| EMCGV 63-440 | Brass  | 10106435 | M63  | 41 · 44             |       |
| EMCGV 63-470 | Brass  | 10106436 | M63  | 44 · 47             |       |
| EMCGV 63-490 | Brass  | 10106437 | M63  | 47 · 49             |       |

**Cable Glands - Compression**

**ShotGLAND, Brass, EN 62444, LowTemp, EMCGV LT**

IP68 (5 bar 30 mins), Gland Brass nickel-plated, gasket silicone, low temperature -60°C · 180°C



EMCGV LT

| Type            | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-----------------|--------|----------|------|---------------------|-------|
| EMCGV 8-030 LT  | Brass  | 10106492 | M8   | 2 · 3.3             |       |
| EMCGV 8-040 LT  | Brass  | 10106493 | M8   | 3 · 4.3             |       |
| EMCGV 8-050 LT  | Brass  | 10106494 | M8   | 4 · 5.3             |       |
| EMCGV 12-030 LT | Brass  | 10106495 | M12  | 2 · 3               |       |
| EMCGV 12-050 LT | Brass  | 10106496 | M12  | 3 · 5               |       |
| EMCGV 12-070 LT | Brass  | 10106497 | M12  | 5 · 7               |       |



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| Type            | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-----------------|--------|----------|------|---------------------|-------|
| EMCGV 12-090 LT | Brass  | 10106498 | M12  | 7 - 9               |       |
| EMCGV 16-040 LT | Brass  | 10106499 | M16  | 2 - 4               |       |
| EMCGV 16-060 LT | Brass  | 10106500 | M16  | 4 - 6               |       |
| EMCGV 16-080 LT | Brass  | 10106501 | M16  | 6 - 8               |       |
| EMCGV 16-100 LT | Brass  | 10106502 | M16  | 8 - 10              |       |
| EMCGV 16-120 LT | Brass  | 10106503 | M16  | 10 - 12             |       |
| EMCGV 20-060 LT | Brass  | 10106504 | M20  | 4 - 6               |       |
| EMCGV 20-080 LT | Brass  | 10106505 | M20  | 6 - 8               |       |
| EMCGV 20-100 LT | Brass  | 10106506 | M20  | 8 - 10              |       |
| EMCGV 20-120 LT | Brass  | 10106507 | M20  | 10 - 12             |       |
| EMCGV 20-140 LT | Brass  | 10106508 | M20  | 12 - 14             |       |
| EMCGV 20-160 LT | Brass  | 10106509 | M20  | 14 - 16             |       |
| EMCGV 25-080 LT | Brass  | 10106510 | M25  | 6 - 8               |       |
| EMCGV 25-100 LT | Brass  | 10106511 | M25  | 8 - 10              |       |
| EMCGV 25-120 LT | Brass  | 10106512 | M25  | 10 - 12             |       |
| EMCGV 25-140 LT | Brass  | 10106513 | M25  | 12 - 14             |       |
| EMCGV 25-160 LT | Brass  | 10106514 | M25  | 14 - 16             |       |
| EMCGV 25-170 LT | Brass  | 10106515 | M25  | 15 - 17             |       |
| EMCGV 32-110 LT | Brass  | 10106516 | M32  | 9 - 11              |       |
| EMCGV 32-130 LT | Brass  | 10106517 | M32  | 11 - 13             |       |
| EMCGV 32-150 LT | Brass  | 10106518 | M32  | 13 - 15             |       |
| EMCGV 32-180 LT | Brass  | 10106519 | M32  | 16 - 18             |       |
| EMCGV 32-200 LT | Brass  | 10106520 | M32  | 18 - 20             |       |
| EMCGV 32-230 LT | Brass  | 10106522 | M32  | 21 - 23             |       |
| EMCGV 40-180 LT | Brass  | 10106523 | M40  | 16 - 18             |       |
| EMCGV 40-200 LT | Brass  | 10106524 | M40  | 18 - 20             |       |
| EMCGV 40-220 LT | Brass  | 10106525 | M40  | 20 - 22             |       |
| EMCGV 40-240 LT | Brass  | 10106526 | M40  | 22 - 24             |       |
| EMCGV 40-260 LT | Brass  | 10106527 | M40  | 24 - 26             |       |
| EMCGV 40-290 LT | Brass  | 10106528 | M40  | 26 - 29             |       |
| EMCGV 50-280 LT | Brass  | 10106529 | M50  | 26 - 28             |       |
| EMCGV 50-300 LT | Brass  | 10106530 | M50  | 28 - 30             |       |
| EMCGV 50-320 LT | Brass  | 10106589 | M50  | 30 - 32             |       |
| EMCGV 50-340 LT | Brass  | 10106531 | M50  | 32 - 34             |       |
| EMCGV 50-360 LT | Brass  | 10106532 | M50  | 34 - 36             |       |
| EMCGV 50-380 LT | Brass  | 10106533 | M50  | 36 - 38             |       |
| EMCGV 63-350 LT | Brass  | 10106534 | M63  | 33 - 35             |       |
| EMCGV 63-380 LT | Brass  | 10106535 | M63  | 35 - 38             |       |
| EMCGV 63-410 LT | Brass  | 10106536 | M63  | 38 - 41             |       |
| EMCGV 63-440 LT | Brass  | 10106537 | M63  | 41 - 44             |       |
| EMCGV 63-470 LT | Brass  | 10106538 | M63  | 44 - 47             |       |
| EMCGV 63-490 LT | Brass  | 10106539 | M63  | 47 - 49             |       |

**Cable Glands - Compression**

**ShotGLAND, Brass, Earthing Cones DIN 89345, EN 62444, EMCVG EMV-Z**  
 IP68 (5 bar 30 mins), Gland Brass nickel-plated, gasket EPDM, earthing cones Brass nickel-plated, temperature range -40°C - 120°C



EMCGV EMV-Z

| Type               | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------------|--------|----------|------|---------------------|-------|
| EMCGV 8-030 EMV-Z  | Brass  | 10106442 | M8   | 2 - 3.3             |       |
| EMCGV 8-040 EMV-Z  | Brass  | 10106443 | M8   | 3 - 4.3             |       |
| EMCGV 8-050 EMV-Z  | Brass  | 10106445 | M8   | 4 - 5.3             |       |
| EMCGV 12-030 EMV-Z | Brass  | 10106446 | M12  | 2 - 3               |       |
| EMCGV 12-050 EMV-Z | Brass  | 10106447 | M12  | 3 - 5               |       |
| EMCGV 12-070 EMV-Z | Brass  | 10106448 | M12  | 5 - 7               |       |
| EMCGV 12-090 EMV-Z | Brass  | 10106449 | M12  | 7 - 9               |       |
| EMCGV 16-040 EMV-Z | Brass  | 10106450 | M16  | 2 - 4               |       |

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| Type               | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------------------|--------|----------|------|---------------------|-------|
| EMCGV 16-060 EMV-Z | Brass  | 10106451 | M16  | 4 - 6               |       |
| EMCGV 16-080 EMV-Z | Brass  | 10106452 | M16  | 6 - 8               |       |
| EMCGV 16-100 EMV-Z | Brass  | 10106453 | M16  | 8 - 10              |       |
| EMCGV 16-120 EMV-Z | Brass  | 10106454 | M16  | 10 - 12             |       |
| EMCGV 20-060 EMV-Z | Brass  | 10106455 | M20  | 4 - 6               |       |
| EMCGV 20-080 EMV-Z | Brass  | 10106456 | M20  | 6 - 8               |       |
| EMCGV 20-100 EMV-Z | Brass  | 10106457 | M20  | 8 - 10              |       |
| EMCGV 20-120 EMV-Z | Brass  | 10106458 | M20  | 10 - 12             |       |
| EMCGV 20-140 EMV-Z | Brass  | 10106459 | M20  | 12 - 14             |       |
| EMCGV 20-160 EMV-Z | Brass  | 10106460 | M20  | 14 - 16             |       |
| EMCGV 25-080 EMV-Z | Brass  | 10106461 | M25  | 6 - 8               |       |
| EMCGV 25-100 EMV-Z | Brass  | 10106462 | M25  | 8 - 10              |       |
| EMCGV 25-120 EMV-Z | Brass  | 10106463 | M25  | 10 - 12             |       |
| EMCGV 25-140 EMV-Z | Brass  | 10106464 | M25  | 12 - 14             |       |
| EMCGV 25-160 EMV-Z | Brass  | 10106465 | M25  | 14 - 16             |       |
| EMCGV 25-170 EMV-Z | Brass  | 10106466 | M25  | 15 - 17             |       |
| EMCGV 32-110 EMV-Z | Brass  | 10106467 | M32  | 9 - 11              |       |
| EMCGV 32-130 EMV-Z | Brass  | 10106468 | M32  | 11 - 13             |       |
| EMCGV 32-150 EMV-Z | Brass  | 10106469 | M32  | 13 - 15             |       |
| EMCGV 32-180 EMV-Z | Brass  | 10106470 | M32  | 16 - 18             |       |
| EMCGV 32-200 EMV-Z | Brass  | 10106471 | M32  | 18 - 20             |       |
| EMCGV 32-230 EMV-Z | Brass  | 10106473 | M32  | 21 - 23             |       |
| EMCGV 40-180 EMV-Z | Brass  | 10106474 | M40  | 16 - 18             |       |
| EMCGV 40-200 EMV-Z | Brass  | 10106475 | M40  | 18 - 20             |       |
| EMCGV 40-220 EMV-Z | Brass  | 10106476 | M40  | 20 - 22             |       |
| EMCGV 40-240 EMV-Z | Brass  | 10106477 | M40  | 22 - 24             |       |
| EMCGV 40-260 EMV-Z | Brass  | 10106478 | M40  | 24 - 26             |       |
| EMCGV 40-290 EMV-Z | Brass  | 10106479 | M40  | 26 - 29             |       |
| EMCGV 50-280 EMV-Z | Brass  | 10106480 | M50  | 26 - 28             |       |
| EMCGV 50-300 EMV-Z | Brass  | 10106481 | M50  | 28 - 30             |       |
| EMCGV 50-320 EMV-Z | Brass  | 10106482 | M50  | 30 - 32             |       |
| EMCGV 50-340 EMV-Z | Brass  | 10106483 | M50  | 32 - 34             |       |
| EMCGV 50-360 EMV-Z | Brass  | 10106484 | M50  | 34 - 36             |       |
| EMCGV 50-380 EMV-Z | Brass  | 10106485 | M50  | 36 - 38             |       |
| EMCGV 63-350 EMV-Z | Brass  | 10106486 | M63  | 33 - 35             |       |
| EMCGV 63-380 EMV-Z | Brass  | 10106487 | M63  | 35 - 38             |       |
| EMCGV 63-410 EMV-Z | Brass  | 10106488 | M63  | 38 - 41             |       |
| EMCGV 63-440 EMV-Z | Brass  | 10106489 | M63  | 41 - 44             |       |
| EMCGV 63-470 EMV-Z | Brass  | 10106490 | M63  | 44 - 47             |       |
| EMCGV 63-490 EMV-Z | Brass  | 10106491 | M63  | 47 - 49             |       |

**Cable Glands - Compression**

**ShotGLAND, Brass, Earthing Cones DIN 89345, EN 62444, LowTemp, EMCVG LT EMV-Z**

IP68 (5 bar 30 mins), Gland Brass nickel-plated, gasket EPDM, earthing cones Brass nickel-plated, low temperature -60°C - 180°C



EMCGV LT EMV-Z

| Type                  | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-----------------------|--------|----------|------|---------------------|-------|
| EMCGV 8-030 LT EMV-Z  | Brass  | 10106540 | M8   | 2 - 3.3             |       |
| EMCGV 8-040 LT EMV-Z  | Brass  | 10106541 | M8   | 3 - 4.3             |       |
| EMCGV 8-050 LT EMV-Z  | Brass  | 10106542 | M8   | 4 - 5.3             |       |
| EMCGV 12-030 LT EMV-Z | Brass  | 10106543 | M12  | 2 - 3               |       |
| EMCGV 12-050 LT EMV-Z | Brass  | 10106544 | M12  | 3 - 5               |       |
| EMCGV 12-070 LT EMV-Z | Brass  | 10106545 | M12  | 5 - 7               |       |
| EMCGV 12-090 LT EMV-Z | Brass  | 10106546 | M12  | 7 - 9               |       |
| EMCGV 16-040 LT EMV-Z | Brass  | 10106547 | M16  | 2 - 4               |       |
| EMCGV 16-060 LT EMV-Z | Brass  | 10106548 | M16  | 4 - 6               |       |
| EMCGV 16-080 LT EMV-Z | Brass  | 10106549 | M16  | 6 - 8               |       |

Continued...

| Type                  | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-----------------------|--------|----------|------|---------------------|-------|
| EMCGV 16-100 LT EMV-Z | Brass  | 10106550 | M16  | 8 - 10              |       |
| EMCGV 16-120 LT EMV-Z | Brass  | 10106551 | M16  | 10 - 12             |       |
| EMCGV 20-060 LT EMV-Z | Brass  | 10106552 | M20  | 4 - 6               |       |
| EMCGV 20-080 LT EMV-Z | Brass  | 10106553 | M20  | 6 - 8               |       |
| EMCGV 20-100 LT EMV-Z | Brass  | 10106554 | M20  | 8 - 10              |       |
| EMCGV 20-120 LT EMV-Z | Brass  | 10106555 | M20  | 10 - 12             |       |
| EMCGV 20-140 LT EMV-Z | Brass  | 10106556 | M20  | 12 - 14             |       |
| EMCGV 20-160 LT EMV-Z | Brass  | 10106557 | M20  | 14 - 16             |       |
| EMCGV 25-080 LT EMV-Z | Brass  | 10106558 | M25  | 6 - 8               |       |
| EMCGV 25-100 LT EMV-Z | Brass  | 10106559 | M25  | 8 - 10              |       |
| EMCGV 25-120 LT EMV-Z | Brass  | 10106560 | M25  | 10 - 12             |       |
| EMCGV 25-140 LT EMV-Z | Brass  | 10106561 | M25  | 12 - 14             |       |
| EMCGV 25-160 LT EMV-Z | Brass  | 10106562 | M25  | 14 - 16             |       |
| EMCGV 25-170 LT EMV-Z | Brass  | 10106563 | M25  | 15 - 17             |       |
| EMCGV 32-110 LT EMV-Z | Brass  | 10106564 | M32  | 9 - 11              |       |
| EMCGV 32-130 LT EMV-Z | Brass  | 10106565 | M32  | 11 - 13             |       |
| EMCGV 32-150 LT EMV-Z | Brass  | 10106566 | M32  | 13 - 15             |       |
| EMCGV 32-180 LT EMV-Z | Brass  | 10106567 | M32  | 16 - 18             |       |
| EMCGV 32-200 LT EMV-Z | Brass  | 10106568 | M32  | 18 - 20             |       |
| EMCGV 32-230 LT EMV-Z | Brass  | 10106570 | M32  | 21 - 23             |       |
| EMCGV 40-180 LT EMV-Z | Brass  | 10106571 | M40  | 16 - 18             |       |
| EMCGV 40-200 LT EMV-Z | Brass  | 10106572 | M40  | 18 - 20             |       |
| EMCGV 40-220 LT EMV-Z | Brass  | 10106573 | M40  | 20 - 22             |       |
| EMCGV 40-240 LT EMV-Z | Brass  | 10106574 | M40  | 22 - 24             |       |
| EMCGV 40-260 LT EMV-Z | Brass  | 10106575 | M40  | 24 - 26             |       |
| EMCGV 40-290 LT EMV-Z | Brass  | 10106576 | M40  | 26 - 29             |       |
| EMCGV 50-280 LT EMV-Z | Brass  | 10106577 | M50  | 26 - 28             |       |
| EMCGV 50-300 LT EMV-Z | Brass  | 10106578 | M50  | 28 - 30             |       |
| EMCGV 50-320 LT EMV-Z | Brass  | 10106579 | M50  | 30 - 32             |       |
| EMCGV 50-340 LT EMV-Z | Brass  | 10106580 | M50  | 32 - 34             |       |
| EMCGV 50-360 LT EMV-Z | Brass  | 10106581 | M50  | 34 - 36             |       |
| EMCGV 50-380 LT EMV-Z | Brass  | 10106582 | M50  | 36 - 38             |       |
| EMCGV 63-350 LT EMV-Z | Brass  | 10106583 | M63  | 33 - 35             |       |
| EMCGV 63-380 LT EMV-Z | Brass  | 10106584 | M63  | 35 - 38             |       |
| EMCGV 63-410 LT EMV-Z | Brass  | 10106585 | M63  | 38 - 41             |       |
| EMCGV 63-440 LT EMV-Z | Brass  | 10106586 | M63  | 41 - 44             |       |
| EMCGV 63-470 LT EMV-Z | Brass  | 10106587 | M63  | 44 - 47             |       |
| EMCGV 63-490 LT EMV-Z | Brass  | 10106588 | M63  | 47 - 49             |       |

## CABLE GLANDS - BRITISH STANDARD BS 6121

### Cable Glands - British Standard BS 6121

#### A2, Brass, BS EN 62444, BS 6121, A2

IP54 (IP66 with thread gasket) with nylon thread seal, brass gland, seals PCR shrouds PVC, includes cable gland, locknut and LSF shroud, temperature range -80°C - 300°C

(additional earth tags available upon request)



| Type    | Colour | Code    | Size | Clamping Range (mm) | Notes |
|---------|--------|---------|------|---------------------|-------|
| A2-16   | Brass  | A2-16   | M16  | 3.5 - 9             |       |
| A2-20SS | Brass  | A2-20SS | M20  | 3.5 - 9             |       |
| A2-20S  | Brass  | A2-20S  | M20  | 8 - 11.8            |       |
| A2-20   | Brass  | A2-20   | M20  | 11 - 13.8           |       |
| A2-25   | Brass  | A2-25   | M25  | 13 - 19.8           |       |
| A2-32   | Brass  | A2-32   | M32  | 19 - 26.4           |       |
| A2-40   | Brass  | A2-40   | M40  | 25 - 32.4           |       |
| A2-50S  | Brass  | A2-50S  | M50  | 31.5 - 38           |       |
| A2-50   | Brass  | A2-50   | M50  | 36.5 - 44           |       |
| A2-63S  | Brass  | A2-63S  | M63  | 42.5 - 49           |       |

Continued...

| Type   | Colour | Code   | Size | Clamping Range (mm) | Notes |
|--------|--------|--------|------|---------------------|-------|
| A2-63  | Brass  | A2-63  | M63  | 48.5 - 55.5         |       |
| A2-75S | Brass  | A2-75S | M75  | 54.5 - 62           |       |
| A2-75  | Brass  | A2-75  | M75  | 60.5 - 67           |       |
| A2-82  | Brass  | A2-82  | M82  | 66 - 72             |       |
| A2-90  | Brass  | A2-90  | M90  | 70 - 79             |       |

### Cable Glands - British Standard BS 6121

#### BW Pack, Economy, Brass, BS 6121, BW

IP20, brass gland, includes locknut and shroud, temperature range -80°C - 300°C



BW



| Type    | Colour | Code    | Size | Clamping Range (mm) | Notes |
|---------|--------|---------|------|---------------------|-------|
| BW 16L  | Brass  | BW 16L  | M16  | - 13.8              |       |
| BW 20SS | Brass  | BW 20SS | M20  | - 13.8              |       |
| BW 20S  | Brass  | BW 20S  | M20  | - 15.5              |       |
| BW 20L  | Brass  | BW 20L  | M20  | - 18.3              |       |
| BW 25L  | Brass  | BW 25L  | M25  | - 25.4              |       |
| BW 32L  | Brass  | BW 32L  | M32  | - 32.2              |       |
| BW 40L  | Brass  | BW 40L  | M40  | - 38.5              |       |
| BW 50S  | Brass  | BW 50S  | M50  | - 45.0              |       |
| BW 50L  | Brass  | BW 50L  | M50  | - 52.0              |       |
| BW 63S  | Brass  | BW 63S  | M63  | - 59.0              |       |
| BW 63L  | Brass  | BW 63L  | M63  | - 64.7              |       |
| BW 75S  | Brass  | BW 75S  | M75  | - 70.0              |       |
| BW 75L  | Brass  | BW 75L  | M75  | - 70.0              |       |
| BW 90L  | Brass  | BW 90L  | M90  | - 90.0              |       |

### Cable Glands - British Standard BS 6121

#### BW LSF Pack, Brass, BS 6121, Low Smoke Fumes, BW LSF

IP20, brass gland, includes locknut and LSF shroud, temperature range -80°C - 300°C



BW LSF

| Type        | Colour | Code        | Size | Clamping Range (mm) | Notes |
|-------------|--------|-------------|------|---------------------|-------|
| BW 16L/LSF  | Brass  | BW 16L/LSF  | M16  | - 13.8              |       |
| BW 20SS/LSF | Brass  | BW 20SS/LSF | M20  | - 13.8              |       |
| BW 20S/LSF  | Brass  | BW 20S/LSF  | M20  | - 15.5              |       |
| BW 20L/LSF  | Brass  | BW 20L/LSF  | M20  | - 18.3              |       |
| BW 25L/LSF  | Brass  | BW 25L/LSF  | M25  | - 25.4              |       |
| BW 32L/LSF  | Brass  | BW 32L/LSF  | M32  | - 32.2              |       |
| BW 40L/LSF  | Brass  | BW 40L/LSF  | M40  | - 38.5              |       |
| BW 50S/LSF  | Brass  | BW 50S/LSF  | M50  | - 45.0              |       |
| BW 50L/LSF  | Brass  | BW 50L/LSF  | M50  | - 52.0              |       |
| BW 63S/LSF  | Brass  | BW 63S/LSF  | M63  | - 59.0              |       |
| BW 63L/LSF  | Brass  | BW 63L/LSF  | M63  | - 64.7              |       |
| BW 75S/LSF  | Brass  | BW 75S/LSF  | M75  | - 70.0              |       |
| BW 75L/LSF  | Brass  | BW 75L/LSF  | M75  | - 70.0              |       |
| BW 90L/LSF  | Brass  | BW 90L/LSF  | M90  | - 90.0              |       |

**Cable Glands - British Standard BS 6121**

**BWP Pack, Premium, Brass, BS 6121, BW**

IP20, brass gland, includes locknut and LSF shroud, temperature range -80°C - 300°C



BWP

| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| BWP 16L  | Brass  | BWP 16L  | M16  | - 13.8              |       |
| BWP 20SS | Brass  | BWP 20SS | M20  | - 13.8              |       |
| BWP 20S  | Brass  | BWP 20S  | M20  | - 15.8              |       |
| BWP 20L  | Brass  | BWP 20L  | M20  | - 20.8              |       |
| BWP 25L  | Brass  | BWP 25L  | M25  | - 27.5              |       |
| BWP 32L  | Brass  | BWP 32L  | M32  | - 33.5              |       |
| BWP 40L  | Brass  | BWP 40L  | M40  | - 40.9              |       |
| BWP 50S  | Brass  | BWP 50S  | M50  | - 46.3              |       |
| BWP 50L  | Brass  | BWP 50L  | M50  | - 52.6              |       |
| BWP 63S  | Brass  | BWP 63S  | M63  | - 61.5              |       |
| BWP 63L  | Brass  | BWP 63L  | M63  | - 65.3              |       |
| BWP 75S  | Brass  | BWP 75S  | M75  | - 73.0              |       |
| BWP 75L  | Brass  | BWP 75L  | M75  | - 78.0              |       |
| BWP 90L  | Brass  | BWP 90L  | M90  | - 90.0              |       |

**Cable Glands - British Standard BS 6121**

**BWL L, Brass, BS 6121, Long Thread, BWL**

IP20, brass gland, long thread includes locknut and LSF shroud, temperature range -80°C - 300°C



BWL

| Type    | Colour | Code    | Size | Long Thread (mm) | Clamping Range (mm) | Notes |
|---------|--------|---------|------|------------------|---------------------|-------|
| BWL 20S | Brass  | BWL 20S | M20  | 12               | - 15.8              |       |
| BWL 20L | Brass  | BWL 20L | M20  | 12               | - 20.8              |       |
| BWL 25S | Brass  | BWL 25S | M25  | 12               | - 24.5              |       |
| BWL 25L | Brass  | BWL 25L | M25  | 12               | - 27.5              |       |
| BWL 32L | Brass  | BWL 32L | M32  | 12               | - 33.5              |       |
| BWL 40S | Brass  | BWL 40S | M40  | 17               | - 39.5              |       |
| BWL 40L | Brass  | BWL 40L | M40  | 17               | - 40.9              |       |
| BWL 50S | Brass  | BWL 50S | M50  | 17               | - 46.3              |       |
| BWL 50L | Brass  | BWL 50L | M50  | 17               | - 52.6              |       |
| BWL 63S | Brass  | BWL 63S | M63  | 17               | - 61.5              |       |
| BWL 63L | Brass  | BWL 63L | M63  | 17               | - 65.3              |       |
| BWL 75S | Brass  | BWL 75S | M75  | 22               | - 73.0              |       |
| BWL 75L | Brass  | BWL 75L | M75  | 22               | - 78.0              |       |
| BWL90S  | Brass  | BWL90S  | M90  |                  | - 84.0              |       |
| BWL 90L | Brass  | BWL 90L | M90  |                  | - 90.0              |       |

**Cable Glands - British Standard BS 6121**

**CW Pack, Economy, Brass, BS 6121, CW**

IP54 (IP66 with thread gasket), brass gland, includes locknut and shroud, temperature range -20°C - 80°C



CW



| Type    | Colour | Code    | Size | Clamping Range (mm) | Notes |
|---------|--------|---------|------|---------------------|-------|
| CW 16L  | Brass  | CW 16L  | M16  | 8.5 - 13.5          |       |
| CW 20SS | Brass  | CW 20SS | M20  | 8.5 - 13.5          |       |
| CW 20S  | Brass  | CW 20S  | M20  | 12.8 - 15.5         |       |
| CW 20L  | Brass  | CW 20L  | M20  | 15.5 - 19.5         |       |
| CW 25S  | Brass  | CW 25S  | M20  | 18.0 - 22.5         |       |
| CW 25L  | Brass  | CW 25L  | M25  | 22.0 - 26.5         |       |
| CW 32L  | Brass  | CW 32L  | M32  | 26.0 - 33.5         |       |
| CW 40L  | Brass  | CW 40L  | M40  | 33.0 - 39.5         |       |
| CW 50S  | Brass  | CW 50S  | M50  | 39.5 - 45.0         |       |
| CW 50L  | Brass  | CW 50L  | M50  | 45.0 - 52.0         |       |
| CW 63S  | Brass  | CW 63S  | M63  | 52.0 - 59.0         |       |
| CW 63L  | Brass  | CW 63L  | M63  | 59.0 - 66.0         |       |
| CW 75S  | Brass  | CW 75S  | M75  | 66.0 - 70.0         |       |
| CW 75L  | Brass  | CW 75L  | M75  | 70.0 - 78.0         |       |
| CW 90L  | Brass  | CW 90L  | M90  | 77.0 - 88.0         |       |

**Cable Glands - British Standard BS 6121**

**CW LSF Pack, Brass, BS 6121, Low Smoke Fumes, CW LSF**

IP54 (IP66 with thread gasket), brass gland, includes locknut and LSF shroud, temperature range -20°C - 80°C



CW LSF

| Type        | Colour | Code        | Size | Clamping Range (mm) | Notes |
|-------------|--------|-------------|------|---------------------|-------|
| CW 16/LSF   | Brass  | CW 16/LSF   | M16  | 8.5 - 13.5          |       |
| CW 20SS/LSF | Brass  | CW 20SS/LSF | M20  | 8.5 - 13.5          |       |
| CW 20S/LSF  | Brass  | CW 20S/LSF  | M20  | 12.8 - 15.5         |       |
| CW 20L/LSF  | Brass  | CW 20L/LSF  | M20  | 15.5 - 19.5         |       |
| CW 25/LSF   | Brass  | CW 25/LSF   | M25  | 22.0 - 26.5         |       |
| CW 32L/LSF  | Brass  | CW 32L/LSF  | M32  | 26.0 - 33.5         |       |
| CW 40L/LSF  | Brass  | CW 40L/LSF  | M40  | 33.0 - 39.5         |       |
| CW 50S/LSF  | Brass  | CW 50S/LSF  | M50  | 39.5 - 45.0         |       |
| CW 50L/LSF  | Brass  | CW 50L/LSF  | M50  | 45.0 - 52.0         |       |
| CW 63S/LSF  | Brass  | CW 63S/LSF  | M63  | 52.0 - 59.0         |       |
| CW 63L/LSF  | Brass  | CW 63L/LSF  | M63  | 59.0 - 66.0         |       |
| CW 75S/LSF  | Brass  | CW 75S/LSF  | M75  | 66.0 - 70.0         |       |
| CW 75L/LSF  | Brass  | CW 75L/LSF  | M75  | 70.0 - 78.0         |       |
| CW 90L/LSF  | Brass  | CW 90L/LSF  | M90  | 77.0 - 88.0         |       |

**Cable Glands - British Standard BS 6121  
CWP Pack, Premium, Brass, BS 6121, CWP**

IP54 (IP66 with thread gasket), brass gland, includes locknut and LSF shroud, temperature range -20°C - 80°C



| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| CWP 16L  | Brass  | CWP 16L  | M16  | 8.4 - 13.8          |       |
| CWP 20SS | Brass  | CWP 20SS | M20  | 8.4 - 13.8          |       |
| CWP 20S  | Brass  | CWP 20S  | M20  | 12.9 - 15.8         |       |
| CWP 20L  | Brass  | CWP 20L  | M20  | 15.5 - 20.8         |       |
| CWP 25L  | Brass  | CWP 25L  | M25  | 20.3 - 27.5         |       |
| CWP 32L  | Brass  | CWP 32L  | M32  | 26.7 - 33.5         |       |
| CWP 40L  | Brass  | CWP 40L  | M40  | 33.0 - 40.9         |       |
| CWP 50S  | Brass  | CWP 50S  | M50  | 39.4 - 46.3         |       |
| CWP 50L  | Brass  | CWP 50L  | M50  | 45.7 - 52.6         |       |
| CWP 63S  | Brass  | CWP 63S  | M63  | 52.1 - 61.5         |       |
| CWP 63L  | Brass  | CWP 63L  | M63  | 58.4 - 65.3         |       |
| CWP 75S  | Brass  | CWP 75S  | M75  | 64.8 - 73.0         |       |
| CWP 75 L | Brass  | CWP 75 L | M75  | 71.0 - 78.0         |       |
| CWP 90L  | Brass  | CWP 90L  | M90  | 81.0 - 90.0         |       |

**Cable Glands - British Standard BS 6121  
E1W, Premium, Brass, BS 6121, E1W**

IP54 (IP66 with thread gasket), brass gland, includes locknut and shroud, temperature range -20°C - 80°C



| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| E1W 16   | Brass  | E1W 16   | M16  | 8.4 - 13.8          |       |
| E1W 20SS | Brass  | E1W 20SS | M20  | 8.4 - 13.8          |       |
| E1W 20S  | Brass  | E1W 20S  | M20  | 12.9 - 15.8         |       |
| E1W 20L  | Brass  | E1W 20L  | M20  | 15.5 - 20.8         |       |
| E1W 25   | Brass  | E1W 25   | M25  | 20.3 - 27.5         |       |
| E1W 32   | Brass  | E1W 32   | M32  | 26.7 - 33.5         |       |
| E1W 40   | Brass  | E1W 40   | M40  | 33.0 - 40.9         |       |
| E1W 50S  | Brass  | E1W 50S  | M50  | 39.4 - 46.3         |       |
| E1W 50L  | Brass  | E1W 50L  | M50  | 45.7 - 52.6         |       |
| E1W 63S  | Brass  | E1W 63S  | M63  | 52.1 - 61.5         |       |
| E1W 63L  | Brass  | E1W 63L  | M63  | 58.4 - 65.3         |       |
| E1W 75S  | Brass  | E1W 75S  | M75  | 64.8 - 73.0         |       |
| E1W 75L  | Brass  | E1W 75L  | M75  | 71.0 - 78.0         |       |
| E1W 90L  | Brass  | E1W 90L  | M90  | 81.0 - 90.0         |       |

**Cable Glands - British Standard BS 6121  
CWA, CW Aluminium BS 62444:2013, ECWAL**

IP54 (IP66 with thread gasket), aluminium gland, includes aluminium locknut and LSF shroud, temperature range -20°C - 80°C



| Type     | Colour | Code      | Size | Clamping Range (mm) | Notes |
|----------|--------|-----------|------|---------------------|-------|
| CWA 16   | Al     | ECWAL16L  | M16  | 8.4 - 13.8          |       |
| CWA 20SS | Al     | ECWAL20SS | M20  | 8.4 - 13.8          |       |
| CWA 20S  | Al     | ECWAL20S  | M20  | 12.9 - 15.8         |       |
| CWA 20L  | Al     | ECWAL20L  | M20  | 15.5 - 20.8         |       |
| CWA 25L  | Al     | ECWAL25L  | M25  | 20.3 - 27.5         |       |
| CWA 32L  | Al     | ECWAL32L  | M32  | 26.7 - 33.5         |       |
| CWA 40L  | Al     | ECWAL40L  | M40  | 33.0 - 40.9         |       |
| CWA 50S  | Al     | ECWAL50S  | M50  | 39.4 - 46.3         |       |
| CWA 50L  | Al     | ECWAL50L  | M50  | 45.7 - 52.6         |       |
| CWA 63S  | Al     | ECWAL63S  | M63  | 52.1 - 61.5         |       |
| CWA 63L  | Al     | ECWAL63L  | M63  | 58.4 - 65.3         |       |
| CWA 75S  | Al     | ECWAL75S  | M75  | 64.8 - 73.0         |       |
| CWA 75L  | Al     | ECWAL75L  | M75  | 71.0 - 78.0         |       |
| CWA 82L  | Al     | ECWAL82L  | M82  | 77.0 - 82.0         |       |
| CWA 90L  | Al     | ECWAL90L  | M90  | 81.0 - 90.0         |       |

**Cable Glands - British Standard BS 6121  
CXT, Brass, BS 6121, EN 50262:1999, CXT**

IP54 (IP66 with thread gasket), brass gland, with O-ring, LSF shroud, locknut for wire braided cables, temperature range -20°C - 80°C



| Type   | Colour | Code   | Size | Clamping Range (mm) | Notes |
|--------|--------|--------|------|---------------------|-------|
| CXT20S | Brass  | CXT20S | M20  | 7.0 - 11.6          |       |
| CXT20L | Brass  | CXT20L | M20  | 10.5 - 13.6         |       |
| CXT25  | Brass  | CXT25  | M25  | 12.5 - 19.8         |       |
| CXT32  | Brass  | CXT32  | M32  | 18.5 - 26.3         |       |
| CXT40  | Brass  | CXT40  | M40  | 25.0 - 32.1         |       |
| CXT50  | Brass  | CXT50  | M50  | 36.5 - 44.0         |       |
| CXT63  | Brass  | CXT63  | M63  | 48.5 - 55.0         |       |

**Cable Glands - British Standard BS 6121  
Threaded Gasket**

NBR material, for use with CW, CXT, A2, CW, CWA and E1W glands to increase IP rating from IP54 to IP66.



| Type     | Colour | Code     | Size | Notes |
|----------|--------|----------|------|-------|
| ORD-N 12 |        | 50108499 | M12  |       |
| ORD-N 16 |        | 50108500 | M16  |       |
| ORD-N 20 |        | 50108501 | M20  |       |
| ORD-N 25 |        | 50108502 | M25  |       |
| ORD-N 32 |        | 50108503 | M32  |       |
| ORD-N 40 |        | 50108504 | M40  |       |
| ORD-N 50 |        | 50108505 | M50  |       |
| ORD-N 63 |        | 50108506 | M63  |       |
| ORD-N 75 |        | 50108507 | M75  |       |
| ORD-N 90 |        | 50108508 | M90  |       |

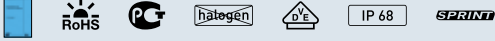


# TAIL KIT SOLUTIONS

## Tail Kit Solutions

### SPRINT - Polyamide, 18th Edition Compliant Tails Kit, TKE/P

IP68 (5 bar 30 min) / IP69, Polyamide gland, Gasket EPDM, temperature range -40°C - 100°C, glow wire test 750°C kit includes 1 x ESKV cable gland, 1 x EMUG locknut, insert and blind plug



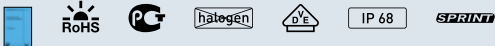
TKE/P

| Type     | Colour | Code     | Size | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|----------|--------|----------|------|--------------------------|---------------------------|-------|
| TKE/P 32 |        | 10106242 | M32  | 3                        | 2 x 16mm / 1 x 16mm       |       |
| TKE/P 40 |        | 10106244 | M40  | 3                        | 2 x 25mm / 1 x 16mm       |       |

## Tail Kit Solutions

### SPRINT - Polyamide, 18th Edition Compliant Tails Kit, TKE/P32+ Enlarged Entry

IP68 (5 bar 30 min) / IP69, Polyamide gland, Gasket EPDM, temperature range -40°C - 100°C, glow wire test 750°C, kit includes 1 x ESKV M32+ cable gland (enlarged entry), 1 x EMUG locknut, insert and blind plug



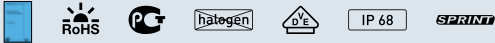
TKE/P32+

| Type      | Colour | Code     | Size | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|-----------|--------|----------|------|--------------------------|---------------------------|-------|
| TKE/P 32+ |        | 10111319 | M32  | 3                        | 2 x 25mm / 1 x 16mm       |       |

## Tail Kit Solutions

### SPRINT - Polyamide, 18th Edition Compliant Tails Kit with Enlarger, TKE/P32+ EN

IP68 (5 bar 30 min) / IP69, Polyamide gland, Gasket EPDM, temperature range -40°C - 100°C, glow wire test 750°C, kit includes 1 x ESKV M32+ cable gland (enlarged entry), 1 x M32 / M40 enlarger, 1 x EMUG locknut, insert and blind plug



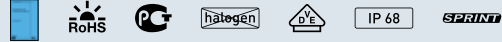
TKE/P 32+ EN

| Type         | Colour | Code | Size                    | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|--------------|--------|------|-------------------------|--------------------------|---------------------------|-------|
| TKE/P 32+ EN |        |      | M32 / M40 with Enlarger | 3                        | 2 x 25mm / 1 x 16mm       |       |

## Tail Kit Solutions

### SPRINT - Polyamide, 18th Edition Compliant Tails Kit with Reducer, TKE/P RD

IP68 (5 bar 30 min) / IP69, Polyamide gland, Gasket EPDM, temperature range -40°C - 100°C, glow wire test 750°C, kit includes 1 x ESKV cable gland, 1 x M40 / M32 reducer, 1 x EMUG locknut, insert and blind plug



TKE/P RD

| Type         | Colour | Code     | Size                   | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|--------------|--------|----------|------------------------|--------------------------|---------------------------|-------|
| TKE/P 40/ RD |        | 10106245 | M40 / M32 with Reducer | 3                        | 2 x 25mm / 1 x 16mm       |       |

## Tail Kit Solutions

### SPRINT - Polyamide, 18th Edition Compliant Tails Kit, 3 Phase, TKE/P

IP68 (5 bar 30 min) / IP69, Polyamide gland, Gasket EPDM, temperature range -40°C - 100°C, glow wire test 750°C kit includes 1 x ESKV cable gland, 1 x EMUG locknut, insert and blind plug



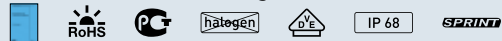
TKE/P

| Type     | Colour | Code     | Size | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|----------|--------|----------|------|--------------------------|---------------------------|-------|
| TKE/P 50 |        | 10106246 | M50  | 5                        | 4 x 25mm / 1 x 16mm       |       |

## Tail Kit Solutions

### SPRINT - Polyamide, 18th Edition Compliant Tails Kit, Twin and Earth, TKE/P

IP68 (5 bar 30 min) / IP69, Polyamide gland, Gasket EPDM, temperature range -40°C - 100°C, glow wire test 750°C kit includes 1 x ESKV cable gland, 1 x EMUG locknut, insert and blind plug



TKE/P

| Type                | Colour | Code     | Size | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|---------------------|--------|----------|------|--------------------------|---------------------------|-------|
| TKE/P 20/FFD/1-1.5  |        | 10106237 | M20  | 1                        | 1 x 1.5mm Flat Cable      |       |
| TKE/P 20/FFD/2x1.5  |        | 10106239 | M20  | 2                        | 2 x 1.5mm Flat Cable      |       |
| TKE/P 20/FFD/2.5-4  |        | 10106238 | M20  | 1                        | 1 x 1.5 - 4mm Flat Cable  |       |
| TKE/P 25/FFD/6      |        | 10106240 | M25  | 1                        | 1 x 6mm Flat Cable        |       |
| TKE/P 25/FFD/02/2.5 |        | 10106241 | M25  | 2                        | 2 x 2.5mm Flat Cable      |       |
| TKE/P 32/FFD/10-16  |        | 10106243 | M32  | 1                        | 1 x 10 - 16mm Flat Cable  |       |

**Tail Kit Solutions**

**SPRINT - Brass, 18th Edition Compliant Tails Kit, TKE/B**

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, Gasket EPDM, temperature range -40°C - 100°C, clamping cage polyamide, kit includes 1 x EMSKV cable gland, 1 x EMMU locknut, insert and blind plug



TKE/B

| Type     | Colour | Code     | Size | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|----------|--------|----------|------|--------------------------|---------------------------|-------|
| TKE/B 32 | Brass  | 10106232 | M32  | 3                        | 2 x 16mm / 1 x 16mm       |       |
| TKE/B 40 | Brass  | 10106234 | M40  | 3                        | 2 x 25mm / 1 x 16mm       |       |

**Tail Kit Solutions**

**SPRINT - Brass, 18th Edition Compliant Tails Kit with Reducer, TKE/B RD**

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, Gasket EPDM, temperature range -40°C - 100°C, clamping cage polyamide, kit includes 1 x EMSKV cable gland, 1 x M40 / M32 reducer, 1 x EMMU locknut, insert and blind plug



TKE/B RD

| Type         | Colour | Code     | Size                   | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|--------------|--------|----------|------------------------|--------------------------|---------------------------|-------|
| TKE/B 40/ RD | Brass  | 10106235 | M40 / M32 with Reducer | 3                        | 2 x 25mm / 1 x 16mm       |       |

**Tail Kit Solutions**

**SPRINT - Brass, 18th Edition Compliant Tails Kit, 3 Phase, TKE/B**

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, Gasket EPDM, temperature range -40°C - 100°C, clamping cage polyamide, kit includes 1 x EMSKV cable gland, 1 x EMMU locknut, insert and blind plug



TKE/B

| Type     | Colour | Code     | Size | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|----------|--------|----------|------|--------------------------|---------------------------|-------|
| TKE/B 50 | Brass  | 10106236 | M50  | 5                        | 4 x 25mm / 1 x 16mm       |       |

**Tail Kit Solutions**

**SPRINT - Brass, 18th Edition Compliant Tails Kit, Twin and Earth, TKE/B**

IP68 (5 bar 30 min) / IP69, Brass nickel-plated gland, Gasket EPDM, temperature range -40°C - 100°C, clamping cage polyamide, kit includes 1 x EMSKV cable gland, 1 x EMMU locknut, insert and blind plug



TKE/B

| Type                | Colour | Code     | Size | Number of Insert Entries | Suitable for Tail / Earth | Notes |
|---------------------|--------|----------|------|--------------------------|---------------------------|-------|
| TKE/B 20/FFD/1-1.5  | Brass  | 10106227 | M20  | 1                        | 1 x 1.5mm Flat Cable      |       |
| TKE/B 20/FFD/2x1.5  | Brass  | 10106229 | M20  | 2                        | 2 x 1.5mm Flat Cable      |       |
| TKE/B 20/FFD/2.5-4  | Brass  | 10106228 | M20  | 1                        | 1 x 1.5 - 4mm Flat Cable  |       |
| TKE/B 25/FFD/6      | Brass  | 10106231 | M25  | 1                        | 1 x 6mm Flat Cable        |       |
| TKE/B 25/FFD/02/2.5 | Brass  | 10106230 | M25  | 2                        | 2 x 2.5mm Flat Cable      |       |
| TKE/B 32/FFD/10-16  | Brass  | 10106233 | M32  | 1                        | 1 x 10 - 16mm Flat Cable  |       |

**Tail Kit Solutions**

**TKS 32 - Multiple Membrane Entry Grommet with Strain Relief, TKS**

IP66, polypropylene, membrane TPE, glow wire test 960°C temperature range -30°C - 80°C, strain relief EN 62444, push-in, no locknut required, suitable for 16mm and 25mm tails, suitable for 10mm and 16mm earth



TKS 32



| Type       | Colour | Code       | Size | Number of Entries | Clamping Range (mm)     | Qty | Notes |
|------------|--------|------------|------|-------------------|-------------------------|-----|-------|
| TKS 32     |        | TKS 32     | M32  | 4                 | 2 x 7 - 12<br>2 x 4 - 8 | 10  |       |
| TKS 32/100 |        | TKS 32/100 | M32  | 4                 | 2 x 7 - 12<br>2 x 4 - 8 | 100 |       |

**Tail Kit Solutions**

**CLIXX - Membrane Entry Grommet with Strain Relief, CLIXX**

IP66, / IP67, polypropylene, membrane TPE, glow wire test 750°C temperature range -40°C - 65°C, strain relief EN 62444, push-in, no locknut required



CLIXX



| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| CLIXX 16 |        | 10101861 | M16  | 4.5 - 10            |       |
| CLIXX 20 |        | 10101359 | M20  | 6 - 13              |       |
| CLIXX 25 |        | 10101862 | M25  | 9 - 17              |       |
| CLIXX 16 |        | 10101930 | M16  | 4.5 - 10            |       |
| CLIXX 20 |        | 10101933 | M20  | 6 - 13              |       |
| CLIXX 25 |        | 10101936 | M25  | 9 - 17              |       |

Continued...

|          |  |          |     |          |
|----------|--|----------|-----|----------|
| CLIXX 16 |  | 10101932 | M16 | 4.5 - 10 |
| CLIXX 20 |  | 10101935 | M20 | 6 - 13   |
| CLIXX 25 |  | 10101938 | M25 | 9 - 17   |
| CLIXX 16 |  | 10101931 | M16 | 4.5 - 10 |
| CLIXX 20 |  | 10101934 | M20 | 6 - 13   |
| CLIXX 25 |  | 10101937 | M25 | 9 - 17   |

**Tail Kit Solutions**

**QUIXX - Membrane Entry Grommet, EMT-F**

IP66, TPE, flame retardent, push-in grommet, glow wire test 960°C temperature range -40°C - 100°C



QUIXX Kit



| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| EMT-F 16 |        | 10063008 | M16  | 1 - 9               |       |
| EMT-F 20 |        | 10063009 | M20  | 1 - 13              |       |
| EMT-F 25 |        | 10063010 | M25  | 1 - 18              |       |
| EMT-F 32 |        | 10063011 | M32  | 1 - 25              |       |

**Tail Kit Solutions**

**QUIXX Kit - Membrane Entry Grommet, EMT-F**

IP66, TPE, flame retardent, push-in grommet, glow wire test 960°C temperature range -40°C - 100°C, kit contains 8 x M20, 3 x M25, 3 x M32



QUIXX Kit



| Type      | Colour | Code     | Size                          | Clamping Range (mm)        | Notes |
|-----------|--------|----------|-------------------------------|----------------------------|-------|
| QUIXX Kit |        | 10106226 | 8 x M20<br>3 x M25<br>3 x M32 | 1 - 13<br>1 - 18<br>1 - 25 |       |

**Tail Kit Solutions**

**SPRINT - Tail Kit Contractor Kit, TKE/P**

- Glands: 30 x ESKV M20+  
10 x ESKV M32  
10 x ESKV M25  
5 x TKE/P M40 Kit
- Locknuts: 30 x 20mm  
10 x 32mm  
10 x 25mm
- QUIXX: 20 x M20  
10 x M25  
10 x M32
- Adaptor CLIXX 15 x M20
- Inserts 5 x FFD 20/01  
5 x FFD 25/01  
5 x FFD 25/02  
5 x FFD 20/02  
5 x FFD 20/01  
5 x FFD 32/01/098-197  
5 x MFD 20/03/040  
5 x MFD 20/02/060  
5 x MFD 32/01/06-02/090  
5 x RDE M20 reduction



Tail Kit Contractor Kit



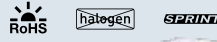
| Type                    | Colour | Code              | Description            | Notes |
|-------------------------|--------|-------------------|------------------------|-------|
| Tail Kit Contractor Kit |        | TAILKITCONTRACTOR | See above for contents |       |

**LOCKNUTS - PLASTIC**

**Locknuts - Plastic**

**SPRINT - EMUG**

Polyamide, fibre reinforced, glow wire test 650°C, temperature range -40°C - 100°C



EMUG



| Type    | Colour | Code     | Size | Notes |
|---------|--------|----------|------|-------|
| EMUG 12 |        | 10060770 | M12  |       |
| EMUG 16 |        | 10060771 | M16  |       |
| EMUG 20 |        | 10060772 | M20  |       |
| EMUG 25 |        | 10060773 | M25  |       |
| EMUG 32 |        | 10060774 | M32  |       |
| EMUG 40 |        | 10060775 | M40  |       |
| EMUG 50 |        | 10060776 | M50  |       |
| EMUG 63 |        | 10060777 | M63  |       |
| EMUG 12 |        | 10061780 | M12  |       |
| EMUG 16 |        | 10061781 | M16  |       |
| EMUG 20 |        | 10061782 | M20  |       |
| EMUG 25 |        | 10061783 | M25  |       |
| EMUG 32 |        | 10061784 | M32  |       |
| EMUG 40 |        | 10061785 | M40  |       |
| EMUG 50 |        | 10061786 | M50  |       |
| EMUG 63 |        | 10061787 | M63  |       |
| EMUG 12 |        | 10062712 | M12  |       |
| EMUG 16 |        | 10062713 | M16  |       |
| EMUG 20 |        | 10062714 | M20  |       |
| EMUG 25 |        | 10062715 | M25  |       |
| EMUG 32 |        | 10062716 | M32  |       |
| EMUG 40 |        | 10062717 | M40  |       |
| EMUG 50 |        | 10062718 | M50  |       |
| EMUG 63 |        | 10062719 | M63  |       |
| EMUG 20 |        | 10061996 | M20  |       |
| EMUG 25 |        | 10100474 | M25  |       |
| EMUG 20 |        | 10060787 | M20  |       |
| EMUG 25 |        | 10102608 | M25  |       |

**Locknuts - Plastic**  
**SPRINT - PG, MUG**

Polyamide, fibre reinforced, glow wire test 650°C, temperature range -40°C - 100°C

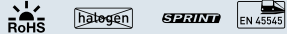


MUG

| Type     | Colour | Code     | Size    | Notes |
|----------|--------|----------|---------|-------|
| MUG 7    |        | 10060670 | PG 7    |       |
| MUG 9    |        | 10060671 | PG 9    |       |
| MUG 11   |        | 10060672 | PG 11   |       |
| MUG 13.5 |        | 10060673 | PG 13.5 |       |
| MUG 16   |        | 10060674 | PG 16   |       |
| MUG 21   |        | 10060675 | PG 21   |       |
| MUG 29   |        | 10060676 | PG 29   |       |
| MUG 36   |        | 10060677 | PG 36   |       |
| MUG 42   |        | 10060678 | PG 42   |       |
| MUG 48   |        | 10060679 | PG 48   |       |
| MUG 7    |        | 10060680 | PG 7    |       |
| MUG 9    |        | 10060681 | PG 9    |       |
| MUG 11   |        | 10060682 | PG 11   |       |
| MUG 13.5 |        | 10060683 | PG 13.5 |       |
| MUG 16   |        | 10060684 | PG 16   |       |
| MUG 21   |        | 10060685 | PG 21   |       |
| MUG 29   |        | 10060686 | PG 29   |       |
| MUG 36   |        | 10060687 | PG 36   |       |
| MUG 42   |        | 10060688 | PG 42   |       |
| MUG 48   |        | 10060689 | PG 48   |       |

**Locknuts - Plastic**  
**SPRINT - Flame-Retardant, EMUF**

Polyamide UL94-V0, fibre reinforced, glow wire test 960°C, temperature range -40°C - 100°C



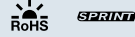
EMUF

| Type    | Colour | Code     | Size | Notes |
|---------|--------|----------|------|-------|
| EMUF 12 |        | 10060810 | M12  |       |
| EMUF 16 |        | 10060811 | M16  |       |
| EMUF 20 |        | 10060812 | M20  |       |
| EMUF 25 |        | 10060813 | M25  |       |
| EMUF 32 |        | 10060814 | M32  |       |
| EMUF 40 |        | 10060815 | M40  |       |
| EMUF 50 |        | 10060816 | M50  |       |
| EMUF 63 |        | 10060817 | M63  |       |
| EMUF 12 |        | 10061770 | M12  |       |
| EMUF 16 |        | 10061771 | M16  |       |
| EMUF 20 |        | 10061772 | M20  |       |
| EMUF 25 |        | 10061773 | M25  |       |
| EMUF 32 |        | 10061774 | M32  |       |
| EMUF 40 |        | 10061775 | M40  |       |
| EMUF 50 |        | 10061776 | M50  |       |
| EMUF 63 |        | 10061777 | M63  |       |

**LOCKNUTS - BRASS**

**Locknuts - Brass**  
**SPRINT - EMMU**

Brass nickel-plated, temperature range -200°C - 250°C



EMMU

| Type    | Colour | Code     | Size | Notes |
|---------|--------|----------|------|-------|
| EMMU 8  | Brass  | 10106828 | M8   |       |
| EMMU 12 | Brass  | 10063141 | M12  |       |
| EMMU 16 | Brass  | 10063142 | M16  |       |
| EMMU 20 | Brass  | 10063143 | M20  |       |
| EMMU 25 | Brass  | 10063144 | M25  |       |
| EMMU 32 | Brass  | 10063145 | M32  |       |
| EMMU 40 | Brass  | 10063146 | M40  |       |
| EMMU 50 | Brass  | 10063147 | M50  |       |
| EMMU 63 | Brass  | 10063148 | M63  |       |
| EMMU 75 | Brass  | 10101777 | M75  |       |

**Cable Glands - EMC Accessories**

**SPRINT - Locknut, Brass Nickel-plated, EMMU-EMV**

Brass chromium-plated, temperature range -250°C - 500°C

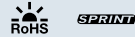


EMMU-EMV

| Type        | Colour | Code     | Size | Notes |
|-------------|--------|----------|------|-------|
| EMMU-EMV 12 | Brass  | 10063210 | M12  |       |
| EMMU-EMV 16 | Brass  | 10063211 | M16  |       |
| EMMU-EMV 20 | Brass  | 10063212 | M20  |       |
| EMMU-EMV 25 | Brass  | 10063213 | M25  |       |
| EMMU-EMV 32 | Brass  | 10063214 | M32  |       |
| EMMU-EMV 40 | Brass  | 10063215 | M40  |       |
| EMMU-EMV 50 | Brass  | 10063216 | M50  |       |
| EMMU-EMV 63 | Brass  | 10063217 | M63  |       |
| EMMU-EMV 75 | Brass  | 10102228 | M75  |       |

**Locknuts - Brass**  
**SPRINT - PG, MMU**

Brass nickel-plated, temperature range -200°C - 250°C



MMU

| Type     | Colour | Code     | Size    | Notes |
|----------|--------|----------|---------|-------|
| MMU 7    | Brass  | 10062141 | PG 7    |       |
| MMU 9    | Brass  | 10062142 | PG 9    |       |
| MMU 11   | Brass  | 10062143 | PG 11   |       |
| MMU 13,5 | Brass  | 10062144 | PG 13.5 |       |
| MMU 16   | Brass  | 10062145 | PG 16   |       |
| MMU 21   | Brass  | 10062146 | PG 21   |       |
| MMU 29   | Brass  | 10062147 | PG 29   |       |
| MMU 36   | Brass  | 10062148 | PG 36   |       |
| MMU 42   | Brass  | 10062149 | PG 42   |       |
| MMU 48   | Brass  | 10062150 | PG 48   |       |



**Locknuts - Brass**  
**SPRINT - NPT, NMMU**

Brass nickel-plated, temperature range -200°C - 250°C



NMMU

| Type       | Colour | Code     | Size       | Notes |
|------------|--------|----------|------------|-------|
| NMMU 1/4   | Brass  | 10100972 | NPT 1/4"   |       |
| NMMU 3/8   | Brass  | 10100973 | NPT 3/8"   |       |
| NMMU 1/2   | Brass  | 10100974 | NPT 1/2"   |       |
| NMMU 3/4   | Brass  | 10100975 | NPT 3/4"   |       |
| NMMU 1     | Brass  | 10100976 | NPT 1"     |       |
| NMMU 1 1/4 | Brass  | 10100977 | NPT 1 1/4" |       |
| NMMU 1 1/2 | Brass  | 10100978 | NPT 1 1/2" |       |
| NMMU 2     | Brass  | 10100979 | NPT 2"     |       |

## LOCKNUTS - STAINLESS STEEL

**Locknuts - Stainless Steel**  
**ESMU**

Stainless steel 1.4305



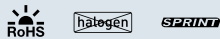
ESMU

| Type    | Colour | Code     | Size | Notes |
|---------|--------|----------|------|-------|
| ESMU 12 | Brass  | 10064188 | M12  |       |
| ESMU 16 | Brass  | 10064189 | M16  |       |
| ESMU 20 | Brass  | 10064190 | M20  |       |
| ESMU 25 | Brass  | 10064191 | M25  |       |
| ESMU 32 | Brass  | 10064192 | M32  |       |
| ESMU 40 | Brass  | 10064193 | M40  |       |
| ESMU 50 | Brass  | 10064194 | M50  |       |
| ESMU 63 | Brass  | 10064195 | M63  |       |

## SEALING INSERTS

**Sealing Inserts**  
**SPRINT - Reduction, RDE**

IP68, material EPDM, temperature range -40°C - 100°C



RDE

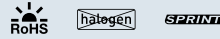
| Type   | Colour | Code     | Suitable for Cable Gland Sizes | Clamping Range (mm) | Notes |
|--------|--------|----------|--------------------------------|---------------------|-------|
| RDE 12 |        | 10062183 | M12                            | 1 - 3               |       |
| RDE 16 |        | 10062184 | M16                            | 2 - 6               |       |
| RDE 20 |        | 10062185 | M20                            | 4 - 8               |       |
| RDE 25 |        | 10060768 | M25                            | 7 - 12              |       |
| RDE 32 |        | 10062186 | M32                            | 9 - 14              |       |
| RDE 40 |        | 10062187 | M40                            | 12 - 20             |       |
| RDE 50 |        | 10062188 | M50                            | 16 - 25             |       |
| RDE 63 |        | 10062189 | M63                            | 28 - 38             |       |



**Sealing Inserts**

**SPRINT - Reduction, LowTemp, RDE LT**

IP68, material silicone, temperature range -60°C - 100°C



RDE LT

| Type      | Colour | Code     | Suitable for Cable Gland Sizes | Clamping Range (mm) | Notes |
|-----------|--------|----------|--------------------------------|---------------------|-------|
| RDE 12 LT |        | 10063981 | M12                            | 1 - 3               |       |
| RDE 16 LT |        | 10063908 | M16                            | 2 - 6               |       |
| RDE 20 LT |        | 10063909 | M20                            | 4 - 8               |       |
| RDE 25 LT |        | 10063910 | M25                            | 7 - 12              |       |
| RDE 32 LT |        | 10063934 | M32                            | 9 - 14              |       |
| RDE 40 LT |        | 10063960 | M40                            | 12 - 20             |       |
| RDE 50 LT |        | 10063966 | M50                            | 16 - 25             |       |
| RDE 63 LT |        | 10063967 | M63                            | 28 - 38             |       |

**Sealing Inserts**

**SPRINT - Blind Insert, VFD**

IP68, material thermoplastic elastomer, temperature range -40°C - 100°C



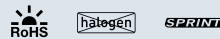
VFD

| Type   | Colour | Code     | Suitable for Cable Gland Sizes | Notes |
|--------|--------|----------|--------------------------------|-------|
| VFD 12 |        | 10064462 | M12                            |       |
| VFD 16 |        | 10064463 | M16                            |       |
| VFD 20 |        | 10064464 | M20                            |       |
| VFD 25 |        | 10064465 | M25                            |       |
| VFD 32 |        | 10064466 | M32                            |       |
| VFD 40 |        | 10064467 | M40                            |       |
| VFD 50 |        | 10064468 | M50                            |       |
| VFD 63 |        | 10064469 | M63                            |       |

**Sealing Inserts**

**SPRINT - Multiple Sealing Inserts, MFD**

IP66 / IP68, material thermoplastic elastomer, temperature range -40°C - 100°C



MFD

| Type                 | Colour | Code     | Number of Inserts | Suitable for Cable Gland Sizes | Clamping Range (mm) | Notes |
|----------------------|--------|----------|-------------------|--------------------------------|---------------------|-------|
| MFD 12/01/015        |        | 10102489 | 1                 | M12                            | 0.5 - 1.5           |       |
| MFD 12/02/020        |        | 10100525 | 2                 | M12                            | 1 - 2               |       |
| MFD 12/04/020        |        | 10064392 | 4                 | M12                            | 1 - 2               |       |
| MFD 16/02/040        |        | 10064393 | 2                 | M16                            | 2 - 4               |       |
| MFD 16/03/021        |        | 10101014 | 3                 | M16                            | 1 - 2.1             |       |
| MFD 16/03/025        |        | 10103165 | 3                 | M16                            | 1 - 2.5             |       |
| MFD 16/03/030        |        | 10103716 | 3                 | M16                            | 1 - 3               |       |
| MFD 16/05/020        |        | 10105950 | 5                 | M16                            | 1 - 2               |       |
| MFD 20/01/060        |        | 10102387 | 1                 | M20                            | 4 - 6               |       |
| MFD 20/01/075-02/021 |        | 10104887 | 3                 | M20                            | 1 - 7.5             |       |

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| Type                               | Colour | Code     | Number of Inserts | Suitable for Cable Gland Sizes | Clamping Range (mm) | Notes |
|------------------------------------|--------|----------|-------------------|--------------------------------|---------------------|-------|
| MFD 20/01/090                      |        | 10102841 | 1                 | M20                            | 7 - 9               |       |
| MFD 20/01/075-02/021               |        | 10104888 | 3                 | M20                            | 1 - 4.8             |       |
| MFD 20/02/045-02/030               |        | 10105643 | 4                 | M20                            | 1.5 - 4.5           |       |
| MFD 20/02/025                      |        | 10109287 | 2                 | M20                            | 1 - 2.5             |       |
| MFD 20/02/040                      |        | 10109614 | 2                 | M20                            | 2 - 4               |       |
| MFD 20/02/050                      |        | 10101015 | 2                 | M20                            | 3 - 5               |       |
| MFD 20/02/060                      |        | 10064395 | 2                 | M20                            | 4 - 6               |       |
| MFD 20/02/065                      |        | 10060953 | 2                 | M20                            | 4.5 - 6.5           |       |
| MFD 20/03/040                      |        | 10064341 | 3                 | M20                            | 2.5 - 4             |       |
| MFD 20/03/045                      |        | 10102306 | 3                 | M20                            | 2.5 - 4.5           |       |
| MFD 20/03/048                      |        | 10104156 | 3                 | M20                            | 3 - 4.8             |       |
| MFD 20/03/055                      |        | 10105412 | 3                 | M20                            | 3.5 - 5.5           |       |
| MFD 20/04/030                      |        | 10102722 | 4                 | M20                            | 1 - 3               |       |
| MFD 20/04/040                      |        | 10106843 | 4                 | M20                            | 2 - 4               |       |
| MFD 20/05/030                      |        | 10102853 | 5                 | M20                            | 1 - 3               |       |
| MFD 20/07/010                      |        | 10105299 | 7                 | M20                            | 0.5 - 1             |       |
| MFD 20/06/030                      |        | 10105685 | 6                 | M20                            | 1 - 3               |       |
| MFD 25/01/050                      |        | 10109789 | 1                 | M25                            | 3 - 5               |       |
| MFD 25/01/065                      |        | 10060954 | 1                 | M25                            | 4 - 6.5             |       |
| MFD 25/01/090                      |        | 10101016 | 1                 | M25                            | 7 - 9               |       |
| MFD 25/01/105-01/055               |        | 10101255 | 2                 | M25                            | 4.5 - 10.5          |       |
| MFD 25/01/094-01/058               |        | 10106779 | 2                 | M25                            | 3.8 - 9.4           |       |
| MFD 25/01/094-01/063               |        | 10107154 | 2                 | M25                            | 4.3 - 9.4           |       |
| MFD 25/02/030                      |        | 10102655 | 2                 | M25                            | 1 - 3               |       |
| MFD 25/02/060                      |        | 10060452 | 2                 | M25                            | 4 - 6               |       |
| MFD 25/02/070                      |        | 10063995 | 2                 | M25                            | 5 - 7               |       |
| MFD 25/02/070-01/040               |        | 10102979 | 3                 | M25                            | 2 - 7               |       |
| MFD 25/02/080                      |        | 10060952 | 2                 | M25                            | 6 - 8               |       |
| MFD 25/03/045                      |        | 10103325 | 3                 | M25                            | 2.5 - 4.5           |       |
| MFD 25/03/060                      |        | 10104351 | 3                 | M25                            | 4 - 6               |       |
| MFD 25/03/070                      |        | 10064342 | 3                 | M25                            | 5 - 7               |       |
| MFD 25/03/073                      |        | 10107540 | 3                 | M25                            | 5.3 - 7.3           |       |
| MFD 25/04/060                      |        | 10064343 | 4                 | M25                            | 4 - 6               |       |
| MFD 25/04/064                      |        | 10107541 | 4                 | M25                            | 4.4 - 6.4           |       |
| MFD 25/05/056                      |        | 10102023 | 5                 | M25                            | 4.6 - 5.6           |       |
| MFD 32/01/050                      |        | 10103157 | 1                 | M32                            | 3 - 5               |       |
| MFD 32/01/060-02/090               |        | 10103653 | 3                 | M32                            | 4 - 9               |       |
| MFD 32/01/100-01/090               |        | 10108826 | 2                 | M32                            | 8 - 10              |       |
| MFD 32/01/115-01/050               |        | 10102794 | 2                 | M32                            | 4 - 11.5            |       |
| MFD 40/02/110-01/060               |        | 10105341 | 3                 | M40                            | 4 - 11              |       |
| MFD 40/02/120-01/070               |        | 10102488 | 3                 | M40                            | 5 - 12              |       |
| MFD 40/02/110                      |        | 10105340 | 2                 | M40                            | 9 - 11              |       |
| MFD 40/03/125                      |        | 10102054 | 3                 | M40                            | 10.5 - 12.5         |       |
| MFD 40/04/090-01/060               |        | 10105342 | 5                 | M40                            | 4 - 9               |       |
| MFD 40/04/100                      |        | 10101017 | 4                 | M40                            | 8 - 10              |       |
| MFD 40/04/110                      |        | 10104145 | 4                 | M40                            | 9 - 11              |       |
| MFD 40/05/090                      |        | 10109605 | 5                 | M40                            | 7 - 9               |       |
| MFD 40/06/065                      |        | 10102171 | 6                 | M40                            | 4.5 - 6.5           |       |
| MFD 40/06/070                      |        | 10110088 | 6                 | M40                            | 5 - 7               |       |
| MFD 40/06/090                      |        | 10102172 | 6                 | M40                            | 7 - 9               |       |
| MFD 40/07/070                      |        | 10064348 | 7                 | M40                            | 5 - 7               |       |
| MFD 40/07/080                      |        | 10064347 | 7                 | M40                            | 6 - 8               |       |
| MFD 40/08/060                      |        | 10064346 | 8                 | M40                            | 4 - 6               |       |
| MFD 40/08/070                      |        | 10102744 | 8                 | M40                            | 5 - 7               |       |
| MFD 40/09/069                      |        | 10101427 | 9                 | M40                            | 5.5 - 6.9           |       |
| MFD 40/16/035                      |        | 10103686 | 16                | M40                            | 2.5 - 3.5           |       |
| MFD 50/01/170                      |        | 10105343 | 1                 | M50                            | 15 - 17             |       |
| MFD 50/03/135                      |        | 10105557 | 3                 | M50                            | 11.5 - 13.5         |       |
| MFD 50/04/110-01/060               |        | 10105344 | 5                 | M50                            | 4 - 11              |       |
| MFD 50/08/070                      |        | 10109606 | 8                 | M50                            | 5 - 7               |       |
| MFD 50/09/080                      |        | 10064394 | 9                 | M50                            | 6 - 8               |       |
| MFD 50/15/050                      |        | 10102745 | 15                | M50                            | 4 - 5               |       |
| MFD 50/15/065                      |        | 10109823 | 15                | M50                            | 5.5 - 6.5           |       |
| MFD 50/16/060                      |        | 10102746 | 16                | M50                            | 4 - 6               |       |
| MFD 50/25/050                      |        | 10063102 | 25                | M50                            | 4 - 5               |       |
| MFD 50/30/040                      |        | 10104144 | 30                | M50                            | 3 - 4               |       |
| MFD 63/01/131-01/118-03/084-02/064 |        | 10101114 | 7                 | M63                            | 5 - 13.1            |       |
| MFD 63/02/065-01/090               |        | 10101223 | 3                 | M63                            | 5 - 9               |       |
| MFD 63/02/168                      |        | 10105293 | 2                 | M63                            | 15.8 - 16.8         |       |
| MFD 63/03/065                      |        | 10101201 | 3                 | M63                            | 5 - 6.5             |       |
| MFD 63/06/085                      |        | 10103678 | 6                 | M63                            | 7.5 - 8.5           |       |
| MFD 63/07/130                      |        | 10105084 | 7                 | M63                            | 12 - 13             |       |

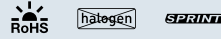
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|                                    |  |          |    |     |             |  |
|------------------------------------|--|----------|----|-----|-------------|--|
| MFD 40/02/110-01/060               |  | 10105341 | 3  | M40 | 4 - 11      |  |
| MFD 40/02/120-01/070               |  | 10102488 | 3  | M40 | 5 - 12      |  |
| MFD 40/02/110                      |  | 10105340 | 2  | M40 | 9 - 11      |  |
| MFD 40/03/125                      |  | 10102054 | 3  | M40 | 10.5 - 12.5 |  |
| MFD 40/04/090-01/060               |  | 10105342 | 5  | M40 | 4 - 9       |  |
| MFD 40/04/100                      |  | 10101017 | 4  | M40 | 8 - 10      |  |
| MFD 40/04/110                      |  | 10104145 | 4  | M40 | 9 - 11      |  |
| MFD 40/05/090                      |  | 10109605 | 5  | M40 | 7 - 9       |  |
| MFD 40/06/065                      |  | 10102171 | 6  | M40 | 4.5 - 6.5   |  |
| MFD 40/06/070                      |  | 10110088 | 6  | M40 | 5 - 7       |  |
| MFD 40/06/090                      |  | 10102172 | 6  | M40 | 7 - 9       |  |
| MFD 40/07/070                      |  | 10064348 | 7  | M40 | 5 - 7       |  |
| MFD 40/07/080                      |  | 10064347 | 7  | M40 | 6 - 8       |  |
| MFD 40/08/060                      |  | 10064346 | 8  | M40 | 4 - 6       |  |
| MFD 40/08/070                      |  | 10102744 | 8  | M40 | 5 - 7       |  |
| MFD 40/09/069                      |  | 10101427 | 9  | M40 | 5.5 - 6.9   |  |
| MFD 40/16/035                      |  | 10103686 | 16 | M40 | 2.5 - 3.5   |  |
| MFD 50/01/170                      |  | 10105343 | 1  | M50 | 15 - 17     |  |
| MFD 50/03/135                      |  | 10105557 | 3  | M50 | 11.5 - 13.5 |  |
| MFD 50/04/110-01/060               |  | 10105344 | 5  | M50 | 4 - 11      |  |
| MFD 50/08/070                      |  | 10109606 | 8  | M50 | 5 - 7       |  |
| MFD 50/09/080                      |  | 10064394 | 9  | M50 | 6 - 8       |  |
| MFD 50/15/050                      |  | 10102745 | 15 | M50 | 4 - 5       |  |
| MFD 50/15/065                      |  | 10109823 | 15 | M50 | 5.5 - 6.5   |  |
| MFD 50/16/060                      |  | 10102746 | 16 | M50 | 4 - 6       |  |
| MFD 50/25/050                      |  | 10063102 | 25 | M50 | 4 - 5       |  |
| MFD 50/30/040                      |  | 10104144 | 30 | M50 | 3 - 4       |  |
| MFD 63/01/131-01/118-03/084-02/064 |  | 10101114 | 7  | M63 | 5 - 13.1    |  |
| MFD 63/02/065-01/090               |  | 10101223 | 3  | M63 | 5 - 9       |  |
| MFD 63/02/168                      |  | 10105293 | 2  | M63 | 15.8 - 16.8 |  |
| MFD 63/03/065                      |  | 10101201 | 3  | M63 | 5 - 6.5     |  |
| MFD 63/06/085                      |  | 10103678 | 6  | M63 | 7.5 - 8.5   |  |
| MFD 63/07/130                      |  | 10105084 | 7  | M63 | 12 - 13     |  |

**Sealing Inserts**

**SPRINT - Flat Cables (Twin & Earth), FFD**

IP68, material thermoplastic elastomer, temperature range -40°C - 100°C



FFD

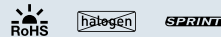


| Type              | Colour | Code     | Number of Inserts | Suitable for Cable Gland Sizes | Clamping Range (mm) | Notes |
|-------------------|--------|----------|-------------------|--------------------------------|---------------------|-------|
| FFD 20/01/056-102 |        | 10064322 | 1                 | M20                            | 4.6 - 5.6           |       |
| FFD 20/01/070-130 |        | 10101192 | 1                 | M20                            | 6 - 7               |       |
| FFD 25/01/077-159 |        | 10103326 | 1                 | M25                            | 6.7 - 7.7           |       |

**Sealing Inserts**

**SPRINT - for Asi-Bus-cables, SFD**

IP68, material thermoplastic elastomer, temperature range -40°C - 100°C



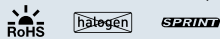
SFD

| Type          | Colour | Code     | Number of Inserts | Suitable for Cable Gland | Notes |
|---------------|--------|----------|-------------------|--------------------------|-------|
| SFD 20/01/Asi |        | 10064329 | 1                 | M20                      |       |

### Sealing Inserts

#### SPRINT - Split Sealing Insert, GFD

IP66, material thermoplastic elastomer, temperature range -40°C · 100°C



GFD

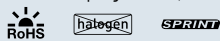
| Type                 | Colour | Code     | Number of Inserts | Suitable for Cable Gland | Clamping Range (mm) | Notes |
|----------------------|--------|----------|-------------------|--------------------------|---------------------|-------|
| GFD 12/01/015        |        | 10102490 | 1                 | M12                      | 1 - 1.5             |       |
| GFD 16/01/050        |        | 10104447 | 1                 | M16                      | 4 - 5               |       |
| GFD 16/02/040        |        | 10103110 | 2                 | M16                      | 2 - 4               |       |
| GFD 20/01/015        |        | 10064328 | 1                 | M20                      | 1 - 1.5             |       |
| GFD 20/01/060        |        | 10102297 | 1                 | M20                      | 4 - 6               |       |
| GFD 20/01/090        |        | 10109006 | 1                 | M20                      | 7 - 9               |       |
| GFD 20/02/040        |        | 10109615 | 2                 | M20                      | 2 - 4               |       |
| GFD 20/02/065        |        | 10110393 | 2                 | M20                      | 5 - 6.5             |       |
| GFD 20/04/040        |        | 10109616 | 4                 | M20                      | 2 - 4               |       |
| GFD 25/01/050        |        | 10101019 | 1                 | M25                      | 3 - 5               |       |
| GFD 25/01/060        |        | 10066632 | 1                 | M25                      | 4 - 6               |       |
| GFD 25/01/065        |        | 10109309 | 1                 | M25                      | 4 - 6.5             |       |
| GFD 25/01/090        |        | 10103108 | 1                 | M25                      | 7 - 9               |       |
| GFD 25/01/094-01/065 |        | 10107155 | 2                 | M25                      | 4.3 - 9.4           |       |
| GFD 25/02/030        |        | 10102656 | 2                 | M25                      | 1 - 3               |       |
| GFD 25/02/060        |        | 10109788 | 2                 | M25                      | 4 - 6               |       |
| GFD 25/04/060        |        | 10104735 | 4                 | M25                      | 4 - 6               |       |
| GFD 32/01/050        |        | 10103158 | 1                 | M32                      | 3 - 5               |       |
| GFD 32/01/073        |        | 10102359 | 1                 | M32                      | 4 - 7.3             |       |
| GFD 32/01/045-01/085 |        | 10101145 | 2                 | M32                      | 4.5 - 8.5           |       |
| GFD 32/02/080        |        | 10102747 | 2                 | M32                      | 6 - 8               |       |
| GFD 32/03/065        |        | 10109525 | 3                 | M32                      | 4.5 - 6.5           |       |
| GFD 32/06/060        |        | 10106336 | 6                 | M32                      | 4 - 6               |       |
| GFD 40/01/060        |        | 10108662 | 1                 | M40                      | 4 - 6               |       |
| GFD 50/01/080        |        | 10101020 | 1                 | M50                      | 6 - 8               |       |
| GFD 63/01/090        |        | 10101536 | 1                 | M63                      | 7 - 9               |       |
| GFD 63/02/065-01/090 |        | 10101224 | 3                 | M63                      | 6.5 - 9             |       |
| GFD 63/03/065        |        | 10101200 | 3                 | M63                      | 5 - 6.5             |       |

## BLIND PLUGS

### Blind Plugs

#### SPRINT - BS

Material polyamide, temperature range -60°C · 100°C



BS

| Type | Colour | Code     | Clamping Range (mm) | Notes |
|------|--------|----------|---------------------|-------|
| BS 2 |        | 10064000 | 2                   |       |
| BS 3 |        | 10064001 | 3                   |       |
| BS 4 |        | 10064002 | 4                   |       |
| BS 5 |        | 10064003 | 5                   |       |
| BS 6 |        | 10064004 | 6                   |       |
| BS 7 |        | 10064005 | 7                   |       |
| BS 8 |        | 10064006 | 8                   |       |
| BS 9 |        | 10064007 | 9                   |       |

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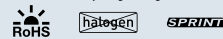
|       |  |          |    |
|-------|--|----------|----|
| BS 10 |  | 10064008 | 10 |
| BS 12 |  | 10064009 | 12 |
| BS 13 |  | 10064010 | 13 |
| BS 14 |  | 10064011 | 14 |
| BS 17 |  | 10064012 | 17 |
| BS 20 |  | 10064013 | 20 |
| BS 21 |  | 10064014 | 21 |
| BS 25 |  | 10064015 | 25 |
| BS 28 |  | 10064016 | 28 |
| BS 35 |  | 10064017 | 35 |
| BS 38 |  | 10064018 | 38 |
| BS 48 |  | 10064019 | 48 |
| BS 63 |  | 10064020 | 63 |

## DUST PROTECTION

### Dust Protection

#### SPRINT - ESTS

Material polyethylene, temperature range -40°C · 75°C



ESTS

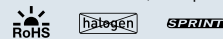
| Type    | Colour | Code     | Suitable for Cable Gland | Notes |
|---------|--------|----------|--------------------------|-------|
| ESTS 12 |        | 10062450 | M12                      |       |
| ESTS 16 |        | 10062451 | M16                      |       |
| ESTS 20 |        | 10062452 | M20                      |       |
| ESTS 25 |        | 10062453 | M25                      |       |
| ESTS 32 |        | 10062454 | M32                      |       |
| ESTS 40 |        | 10062455 | M40                      |       |
| ESTS 50 |        | 10062456 | M50                      |       |
| ESTS 63 |        | 10062457 | M63                      |       |

## O-RING SEALS

### O-Ring Seals

#### SPRINT - -40°C - 120°C, ORD-E

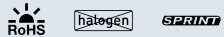
Material EPDM, temperature range -40°C · 120°C



ORD-E

| Type            | Colour | Code     | Suitable for Cable Gland | Notes |
|-----------------|--------|----------|--------------------------|-------|
| ORD-E 12 + PG7  |        | 10064697 | M12                      |       |
| ORD-E 16        |        | 10064698 | M16                      |       |
| ORD-E 20 + PG11 |        | 10064699 | M20                      |       |
| ORD-E 25        |        | 10064700 | M25                      |       |
| ORD-E 32        |        | 10064701 | M32                      |       |
| ORD-E 40        |        | 10064702 | M40                      |       |
| ORD-E 50        |        | 10064703 | M50                      |       |
| ORD-E 63        |        | 10064704 | M63                      |       |
| ORD-E 75        |        | 10101765 | M75                      |       |

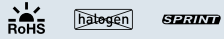
**O-Ring Seals**  
**SPRINT - Viton, -15°C - 200°C, ORD-V**  
 Material FPM (Viton), temperature range -15°C - 200°C



ORD-V

| Type     | Colour | Code     | Suitable for Cable Gland | Notes |
|----------|--------|----------|--------------------------|-------|
| ORD-V 12 |        | 10064705 | M12                      |       |
| ORD-V 16 |        | 10064706 | M16                      |       |
| ORD-V 20 |        | 10064707 | M20                      |       |
| ORD-V 25 |        | 10064708 | M25                      |       |
| ORD-V 32 |        | 10064709 | M32                      |       |
| ORD-V 40 |        | 10064710 | M40                      |       |
| ORD-V 50 |        | 10064711 | M50                      |       |
| ORD-V 63 |        | 10064712 | M63                      |       |

**O-Ring Seals**  
**SPRINT - Silicone, -60°C - 180°C, ORD-S**  
 Material silicone, temperature range -60°C - 180°C

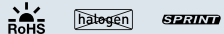


ORD-S

| Type     | Colour | Code     | Suitable for Cable Gland | Notes |
|----------|--------|----------|--------------------------|-------|
| ORD-S 12 |        | 10101757 | M12                      |       |
| ORD-S 16 |        | 10101758 | M16                      |       |
| ORD-S 20 |        | 10101759 | M20                      |       |
| ORD-S 25 |        | 10101760 | M25                      |       |
| ORD-S 32 |        | 10101761 | M32                      |       |
| ORD-S 40 |        | 10101762 | M40                      |       |
| ORD-S 50 |        | 10101763 | M50                      |       |
| ORD-S 63 |        | 10101764 | M63                      |       |

**INSERT KITS**

**Insert Kits**  
**SPRINT - Insert Kit for M20 Cabel Glands, WinsertKIT**  
 10 x FFD (flat cable insert) for twin and earth  
 5 x GFD (split insert) for CAT 5 and 6 cable  
 10 x RDE (reduction insert) for 318Y cable and LED  
 5 x MFD (multi-hole insert) for shotgun coaxial cable  
 5 x FFD (flat cable insert) for 2 twin and earth cables



WinsertKIT



| Type       | Colour | Code       | Suitable for Cable Gland | Notes |
|------------|--------|------------|--------------------------|-------|
| WinsertKIT |        | WINSERTKIT | M20                      |       |

**CABLE GLANDS - TOOLS**

**Cable Glands - Tools**  
**Spanner - Steel, WSTS**  
 Galvanized steel



WSTS

| Type    | Colour | Code     | Suitable for Cable Gland Size | Notes |
|---------|--------|----------|-------------------------------|-------|
| WSTS 16 | Steel  | 10062810 | M16                           |       |
| WSTS 20 | Steel  | 10062811 | M20                           |       |
| WSTS 25 | Steel  | 10062812 | M25                           |       |
| WSTS 32 | Steel  | 10062813 | M32                           |       |
| WSTS 40 | Steel  | 10062814 | M40                           |       |
| WSTS 50 | Steel  | 10062847 | M50                           |       |
| WSTS 63 | Steel  | 10062848 | M63                           |       |

**Cable Glands - Tools**  
**Spanner - Polyamide, WISKA Tool Box**

M20 spanner, bottle opener, 1 x quarter turn screwdriver head, 1 x phillips screwdriver head, 2 x hole saws (7mm and 12mm)

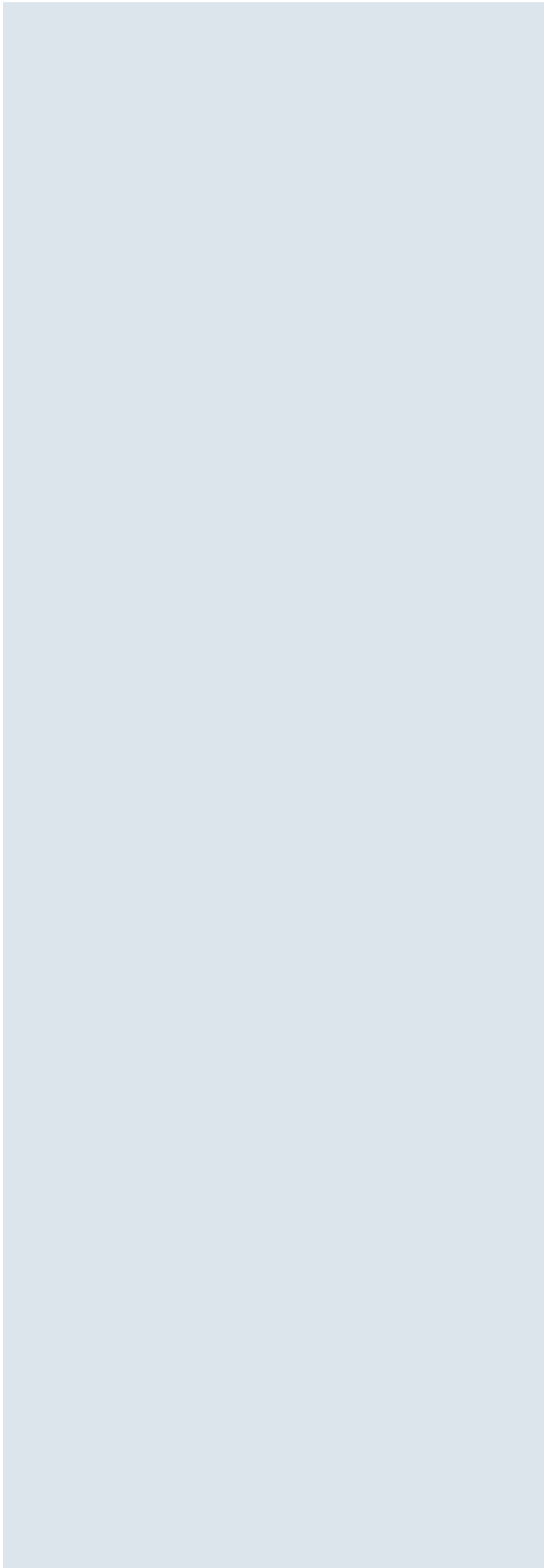
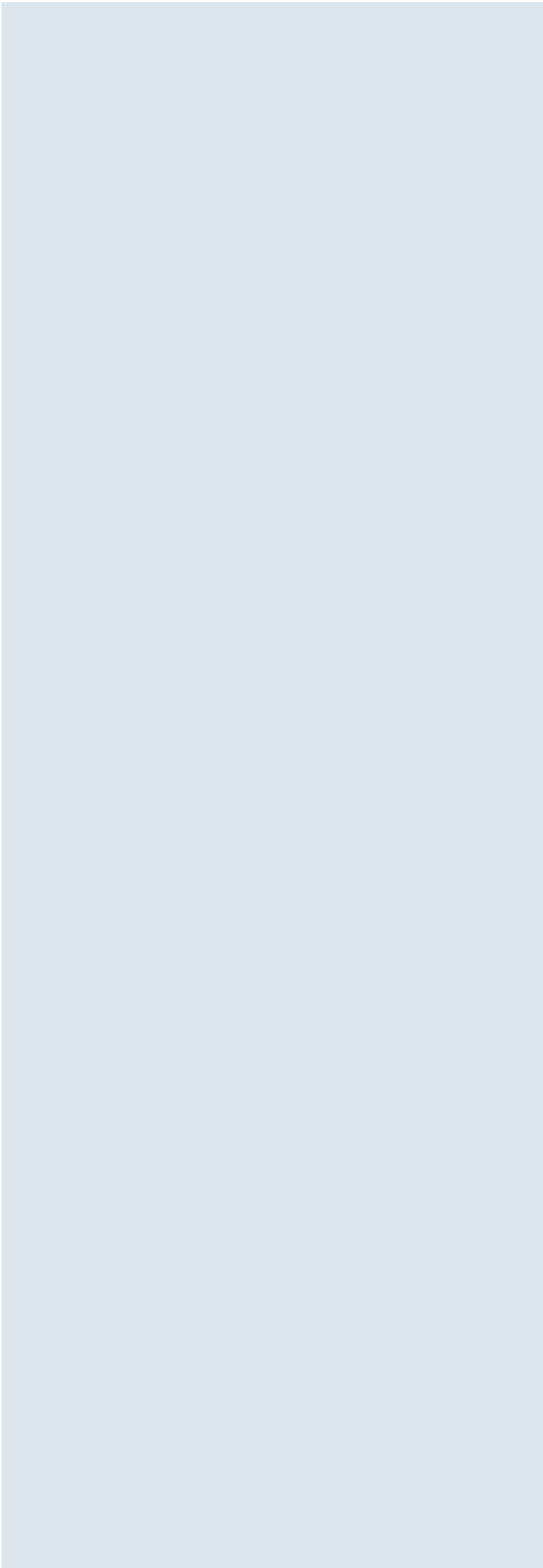


WISKA Tool Box



| Type           | Colour | Code     | Suitable for Cable Gland Size | Notes |
|----------------|--------|----------|-------------------------------|-------|
| WISKA Tool Box |        | 10109713 | M20                           |       |





TECHNICAL DATA

LIGHTING

JUNCTION BOXES

ENCLOSURES

CABLE ENTRIES

CABLE GLANDS

JOINTS

BRACE SYSTEM





## Cable Entries

BRACE SYSTEM

JOINTS

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

JUNCTION BOXES

LIGHTING

TECHNICAL DATA



# GROMMETS

## Grommets

### CLIXX - Membrane Entry Grommet with Strain Relief, CLIXX

IP66, / IP67, polypropylene, membrane TPE, glow wire test 750°C temperature range -40°C - 65°C, strain relief EN 62444, push-in, no locknut required



CLIXX



| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| CLIXX 16 |        | 10101861 | M16  | 4.5 - 10            |       |
| CLIXX 20 |        | 10101359 | M20  | 6 - 13              |       |
| CLIXX 25 |        | 10101862 | M25  | 9 - 17              |       |
| CLIXX 16 |        | 10101930 | M16  | 4.5 - 10            |       |
| CLIXX 20 |        | 10101933 | M20  | 6 - 13              |       |
| CLIXX 25 |        | 10101936 | M25  | 9 - 17              |       |
| CLIXX 16 |        | 10101932 | M16  | 4.5 - 10            |       |
| CLIXX 20 |        | 10101935 | M20  | 6 - 13              |       |
| CLIXX 25 |        | 10101938 | M25  | 9 - 17              |       |
| CLIXX 16 |        | 10101931 | M16  | 4.5 - 10            |       |
| CLIXX 20 |        | 10101934 | M20  | 6 - 13              |       |
| CLIXX 25 |        | 10101937 | M25  | 9 - 17              |       |

## Grommets

### TKS 32 - Multiple Membrane Entry Grommet with Strain Relief, TKS

IP66, polypropylene, membrane TPE, glow wire test 960°C temperature range -30°C - 80°C, strain relief EN 62444, push-in, no locknut required, suitable for 16mm and 25mm tails, suitable for 10mm and 16mm earth



TKS 32

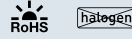


| Type       | Colour | Code       | Size | Number of Entries | Clamping Range (mm)     | Qty | Notes |
|------------|--------|------------|------|-------------------|-------------------------|-----|-------|
| TKS 32     |        | TKS 32     | M32  | 4                 | 2 x 7 - 12<br>2 x 4 - 8 | 10  |       |
| TKS 32/100 |        | TKS 32/100 | M32  | 4                 | 2 x 7 - 12<br>2 x 4 - 8 | 100 |       |

## Grommets

### QUIXX - Membrane Entry Grommet, Screw, EMS

IP66, TPE, Polypropylene, membrane TPE, glow wire test 750°C temperature range -30°C - 80°C



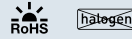
EMS

| Type   | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------|--------|----------|------|---------------------|-------|
| EMS 16 |        | 10062567 | M16  | 1 - 9               |       |
| EMS 20 |        | 10062568 | M20  | 1 - 13              |       |
| EMS 25 |        | 10062569 | M25  | 1 - 18              |       |
| EMS 32 |        | 10062570 | M32  | 1 - 25              |       |

## Grommets

### QUIXX - Membrane Spout, EMT

IP66, thermoplastic elastomer, glow wire test 750°C, temperature range -40°C - 80°C



EMT



| Type   | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------|--------|----------|------|---------------------|-------|
| EMT 16 |        | 10062559 | M16  | 1 - 9               |       |
| EMT 20 |        | 10062560 | M20  | 1 - 13              |       |
| EMT 25 |        | 10062561 | M25  | 1 - 18              |       |
| EMT 32 |        | 10062562 | M32  | 1 - 25              |       |

## Grommets

### QUIXX - Membrane Entry Grommet, EMT-F

IP66, TPE, flame retardent, push-in grommet, glow wire test 960°C temperature range -40°C - 100°C



QUIXX Kit



| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| EMT-F 16 |        | 10063008 | M16  | 1 - 9               |       |
| EMT-F 20 |        | 10063009 | M20  | 1 - 13              |       |
| EMT-F 25 |        | 10063010 | M25  | 1 - 18              |       |
| EMT-F 32 |        | 10063011 | M32  | 1 - 25              |       |

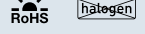
**Grommets**  
**QUIXX Kit - Membrane Entry Grommet, EMT-F**  
 IP66, TPE, flame retardent, push-in grommet, glow wire test 960°C  
 temperature range -40°C · 100°C, kit contains 8 x M20, 3 x M25, 3 x M32



QUIXX Kit

| Type      | Colour | Code     | Size                          | Clamping Range (mm)        | Notes |
|-----------|--------|----------|-------------------------------|----------------------------|-------|
| QUIXX Kit |        | 10106226 | 8 x M20<br>3 x M25<br>3 x M32 | 1 - 13<br>1 - 18<br>1 - 25 |       |

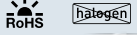
**Grommets**  
**FLIP - FD**  
 IP66 / IP67, material EPDM, temperature range -40°C · 110°C



FD

| Type  | Colour | Code     | Size | Clamping Range (mm) | Notes |
|-------|--------|----------|------|---------------------|-------|
| FD 12 |        | 50062891 | M12  | 4 - 7               |       |
| FD 16 |        | 50062892 | M16  | 5 - 9               |       |
| FD 20 |        | 50062893 | M20  | 8 - 13              |       |
| FD 25 |        | 50062894 | M25  | 11 - 17             |       |
| FD 32 |        | 50062895 | M32  | 15 - 20             |       |
| FD 40 |        | 50062896 | M40  | 19 - 28             |       |
| FD 50 |        | 50062897 | M50  | 27 - 35             |       |
| FD 12 |        | 50062770 | M12  | 4 - 7               |       |
| FD 16 |        | 50062771 | M16  | 5 - 9               |       |
| FD 20 |        | 50062772 | M20  | 8 - 13              |       |
| FD 25 |        | 50062773 | M25  | 11 - 17             |       |
| FD 32 |        | 50062774 | M32  | 15 - 20             |       |
| FD 40 |        | 50062775 | M40  | 19 - 28             |       |
| FD 50 |        | 50062776 | M50  | 27 - 35             |       |

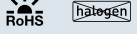
**Grommets**  
**Twisting Sleeve, without Aperture, EMN**  
 IP54, material polyethylene, temperature range -20°C · 80°C



EMN

| Type   | Colour | Code     | Size | Clamping Range (mm) | Notes |
|--------|--------|----------|------|---------------------|-------|
| EMN 12 |        | 50061000 | M12  | 3.5 - 6             |       |
| EMN 16 |        | 50061001 | M16  | 5 - 10              |       |
| EMN 20 |        | 50061002 | M20  | 8 - 13.5            |       |
| EMN 25 |        | 50061003 | M25  | 9 - 16              |       |
| EMN 32 |        | 50061004 | M32  | 11 - 22             |       |
| EMN 40 |        | 50061005 | M40  | 17 - 24             |       |
| EMN 50 |        | 50061006 | M50  | 22 - 35             |       |
| EMN 63 |        | 50061007 | M63  | 24 - 43             |       |

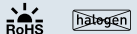
**Grommets**  
**Twisting Sleeve, with Aperture, EMN-O**  
 IP54, material polyethylene, temperature range -20°C · 80°C



EMN-O

| Type     | Colour | Code     | Size | Clamping Range (mm) | Notes |
|----------|--------|----------|------|---------------------|-------|
| EMN-O 12 |        | 50062292 | M12  | 3.5 - 6             |       |
| EMN-O 16 |        | 50062293 | M16  | 5 - 10              |       |
| EMN-O 20 |        | 50062294 | M20  | 8 - 13.5            |       |
| EMN-O 25 |        | 50062295 | M25  | 9 - 16              |       |
| EMN-O 32 |        | 50062296 | M32  | 11 - 22             |       |
| EMN-O 40 |        | 50062297 | M40  | 17 - 24             |       |
| EMN-O 50 |        | 50062298 | M50  | 22 - 35             |       |
| EMN-O 63 |        | 50062299 | M63  | 24 - 43             |       |

**Grommets**  
**Twisting Sleeve, without Aperture, PG, MN**  
 IP54, material polyethylene, temperature range -20°C · 80°C



MN

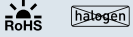
| Type    | Colour | Code     | Size    | Clamping Range (mm) | Notes |
|---------|--------|----------|---------|---------------------|-------|
| MN 9    |        | 10060748 | PG 9    | 6 - 8               |       |
| MN 11   |        | 10060749 | PG 11   | 7 - 10              |       |
| MN 13.5 |        | 10060750 | PG 13.5 | 9 - 12              |       |
| MN 16   |        | 10060751 | PG 16   | 9 - 14              |       |
| MN 21   |        | 10060752 | PG 21   | 11 - 17             |       |
| MN 29   |        | 10060753 | PG 29   | 17 - 24             |       |
| MN 36   |        | 10060754 | PG 36   | 24 - 35             |       |
| MN 42   |        | 10060755 | PG 42   | 31 - 39             |       |
| MN 48   |        | 10060756 | PG 48   | 22 - 43             |       |

# MODULE ENTRY SYSTEM - CONMAXX

## Module Entry System - CONMAXX

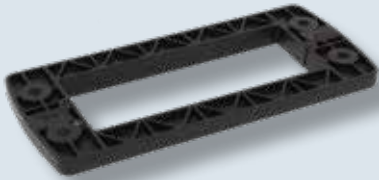
### CONMAXX - Frame - CF and Locking Frame CV

IP66, material polyamide UL94-V0, temperature range -40°C - 120°C



Frame - CF

| Type           | Colour | Code     | Size (mm) | Notes |
|----------------|--------|----------|-----------|-------|
| CF 4-B1 V0 BK  |        | 10108180 | 70 x 81   |       |
| CF 6-10 V0 BK  |        | 10108181 | 70 x 106  |       |
| CF 8-16 V0 BK  |        | 10108182 | 70 x 126  |       |
| CF 10-24 V0 BK |        | 10108183 | 70 x 153  |       |



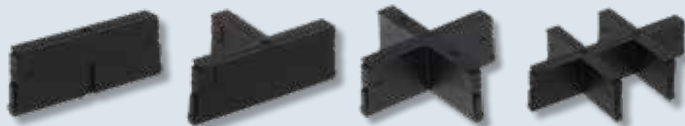
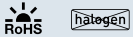
Locking Frame - CV

| Type        | Colour | Code     | Size (mm) | Notes |
|-------------|--------|----------|-----------|-------|
| CV 4 V0 BK  |        | 10108184 | 69 x 80   |       |
| CV 6 V0 BK  |        | 10108185 | 69 x 105  |       |
| CV 8 V0 BK  |        | 10108186 | 69 x 125  |       |
| CV 10 V0 BK |        | 10108187 | 69 x 152  |       |

## Module Entry System - CONMAXX

### CONMAXX - Grid, CG

IP66, material polyamide UL94-V0, temperature range -40°C - 120°C



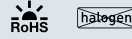
CGV CGT CGX CGH

| Type         | Colour | Code     | Grid Type    | Notes |
|--------------|--------|----------|--------------|-------|
| CONMAXX Grid |        | 10108188 | Single       |       |
| CONMAXX Grid |        | 10108189 | T            |       |
| CONMAXX Grid |        | 10108190 | Cross X      |       |
| CONMAXX Grid |        | 10108191 | Double Cross |       |

## Module Entry System - CONMAXX

### CONMAXX - Gland and Locknut, CKM

IP66, Gland polyamide UL94-V0, Gasket TPE UL94-V0, temperature range -40°C - 100°C, split gland and locknut



CKM

| Type         | Colour | Code     | Size | Notes |
|--------------|--------|----------|------|-------|
| CKM 20 V0 LG |        | 10108663 | M20  |       |
| CKM 25 V0 LG |        | 10108664 | M25  |       |
| CKM 32 V0 LG |        | 10108665 | M32  |       |
| CKM 40 V0 LG |        | 10108666 | M40  |       |
| CKM 50 V0 LG |        | 10108667 | M50  |       |
| CKM 63 V0 LG |        | 10108668 | M63  |       |

## Module Entry System - CONMAXX

### CONMAXX - Locknut, CMM

Material polyamide UL94-V0, temperature range -40°C - 100°C



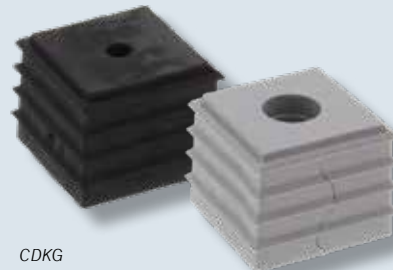
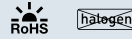
CMM

| Type         | Colour | Code     | Size | Notes |
|--------------|--------|----------|------|-------|
| CMM 20 V0 LG |        | 10108675 | M20  |       |
| CMM 25 V0 LG |        | 10108676 | M25  |       |
| CMM 32 V0 LG |        | 10108677 | M32  |       |
| CMM 40 V0 LG |        | 10108678 | M40  |       |
| CMM 50 V0 LG |        | 10108679 | M50  |       |
| CMM 63 V0 LG |        | 10108680 | M63  |       |

## Module Entry System - CONMAXX

### CONMAXX - Sealing Insert, Single Entry, CDKG

IP66, thermoplastic elastomer, size 20.7mm x 20.7mm, temperature range -40°C - 120°C, split sealing insert



CDKG

| Type   | Colour | Code     | Number of Entries | Suitable for Cable Size (mm) | Notes |
|--------|--------|----------|-------------------|------------------------------|-------|
| CDK 0  |        | 10108192 | 0                 | Blank                        |       |
| CDKG 2 |        | 10108193 | 1                 | 1.5 - 2                      |       |
| CDKG 3 |        | 10108194 | 1                 | 2 - 3                        |       |
| CDKG 4 |        | 10108195 | 1                 | 3 - 4                        |       |
| CDKG 5 |        | 10108196 | 1                 | 4 - 5                        |       |
| CDKG 6 |        | 10108197 | 1                 | 5 - 6                        |       |
| CDKG 7 |        | 10108198 | 1                 | 6 - 7                        |       |

Continued...

BRACE SYSTEM

| Type    | Colour | Code     | Number of Entries | Suitable for Cable Size (mm) | Notes |
|---------|--------|----------|-------------------|------------------------------|-------|
| CDKG 8  |        | 10108199 | 1                 | 7 - 8                        |       |
| CDKG 9  |        | 10108200 | 1                 | 8 - 9                        |       |
| CDKG 10 |        | 10108201 | 1                 | 9 - 10                       |       |
| CDKG 11 |        | 10108202 | 1                 | 10 - 11                      |       |
| CDKG 12 |        | 10108203 | 1                 | 11 - 12                      |       |
| CDKG 13 |        | 10108204 | 1                 | 12 - 13                      |       |
| CDKG 14 |        | 10108205 | 1                 | 13 - 14                      |       |
| CDK 0   |        | 10108234 | 0                 | Blank                        |       |
| CDKG 2  |        | 10108235 | 1                 | 1.5 - 2                      |       |
| CDKG 3  |        | 10108236 | 1                 | 2 - 3                        |       |
| CDKG 4  |        | 10108237 | 1                 | 3 - 4                        |       |
| CDKG 5  |        | 10108238 | 1                 | 4 - 5                        |       |
| CDKG 6  |        | 10108239 | 1                 | 5 - 6                        |       |
| CDKG 7  |        | 10108240 | 1                 | 6 - 7                        |       |
| CDKG 8  |        | 10108241 | 1                 | 7 - 8                        |       |
| CDKG 9  |        | 10108242 | 1                 | 8 - 9                        |       |
| CDKG 10 |        | 10108243 | 1                 | 9 - 10                       |       |
| CDKG 11 |        | 10108244 | 1                 | 10 - 11                      |       |
| CDKG 12 |        | 10108245 | 1                 | 11 - 12                      |       |
| CDKG 13 |        | 10108246 | 1                 | 12 - 13                      |       |
| CDKG 14 |        | 10108247 | 1                 | 13 - 14                      |       |

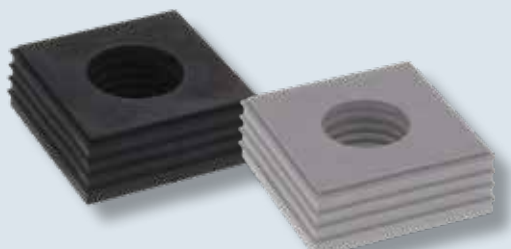
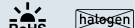
JOINTS

CABLE GLANDS

**Module Entry System - CONMAXX**

**CONMAXX - Sealing Insert, Single Entry, CDGG**

IP66, thermoplastic elastomer, size 43.1mm x 43.1mm, temperature range -40°C - 120°C, split sealing insert



CDGG

CABLE ENTRIES

ENCLOSURES

| Type    | Colour | Code     | Number of Entries | Suitable for Cable Size (mm) | Notes |
|---------|--------|----------|-------------------|------------------------------|-------|
| CDG 0   |        | 10108206 | 0                 | Blank                        |       |
| CDGG 15 |        | 10108207 | 1                 | 14 - 15                      |       |
| CDGG 16 |        | 10108208 | 1                 | 15 - 16                      |       |
| CDGG 17 |        | 10108209 | 1                 | 16 - 17                      |       |
| CDGG 18 |        | 10108210 | 1                 | 17 - 18                      |       |
| CDGG 19 |        | 10108211 | 1                 | 18 - 19                      |       |
| CDGG 20 |        | 10108212 | 1                 | 19 - 20                      |       |
| CDGG 21 |        | 10108213 | 1                 | 20 - 21                      |       |
| CDGG 22 |        | 10108214 | 1                 | 21 - 22                      |       |
| CDGG 23 |        | 10108215 | 1                 | 22 - 23                      |       |
| CDGG 24 |        | 10108216 | 1                 | 23 - 24                      |       |
| CDGG 25 |        | 10108217 | 1                 | 24 - 25                      |       |
| CDGG 26 |        | 10108218 | 1                 | 25 - 26                      |       |
| CDGG 27 |        | 10108219 | 1                 | 26 - 27                      |       |
| CDGG 28 |        | 10108220 | 1                 | 27 - 28                      |       |
| CDGG 29 |        | 10108221 | 1                 | 28 - 29                      |       |
| CDGG 30 |        | 10108222 | 1                 | 29 - 30                      |       |
| CDGG 31 |        | 10108223 | 1                 | 30 - 31                      |       |
| CDGG 32 |        | 10108224 | 1                 | 31 - 32                      |       |
| CDGG 33 |        | 10108225 | 1                 | 32 - 33                      |       |
| CDG 0   |        | 10108248 | 0                 | Blank                        |       |
| CDGG 15 |        | 10108249 | 1                 | 14 - 15                      |       |
| CDGG 16 |        | 10108250 | 1                 | 15 - 16                      |       |
| CDGG 17 |        | 10108251 | 1                 | 16 - 17                      |       |
| CDGG 18 |        | 10108252 | 1                 | 17 - 18                      |       |
| CDGG 19 |        | 10108253 | 1                 | 18 - 19                      |       |
| CDGG 20 |        | 10108254 | 1                 | 19 - 20                      |       |
| CDGG 21 |        | 10108255 | 1                 | 20 - 21                      |       |
| CDGG 22 |        | 10108256 | 1                 | 21 - 22                      |       |
| CDGG 23 |        | 10108257 | 1                 | 22 - 23                      |       |
| CDGG 24 |        | 10108258 | 1                 | 23 - 24                      |       |
| CDGG 25 |        | 10108259 | 1                 | 24 - 25                      |       |

LIGHTING

TECHNICAL DATA

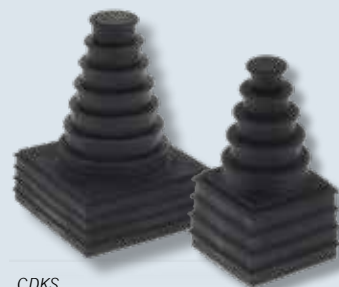
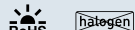
Continued...

| Type    | Colour | Code     | Number of Entries | Suitable for Cable Size (mm) | Notes |
|---------|--------|----------|-------------------|------------------------------|-------|
| CDGG 26 |        | 10108260 | 1                 | 25 - 26                      |       |
| CDGG 27 |        | 10108261 | 1                 | 26 - 27                      |       |
| CDGG 28 |        | 10108262 | 1                 | 27 - 28                      |       |
| CDGG 29 |        | 10108263 | 1                 | 28 - 29                      |       |
| CDGG 30 |        | 10108264 | 1                 | 29 - 30                      |       |
| CDGG 31 |        | 10108265 | 1                 | 30 - 31                      |       |
| CDGG 32 |        | 10108266 | 1                 | 31 - 32                      |       |
| CDGG 33 |        | 10108267 | 1                 | 32 - 33                      |       |

**Module Entry System - CONMAXX**

**CONMAXX - Sealing Insert, Single Entry, CDKS / CDGS**

IP66, thermoplastic elastomer, size 20.7mm x 20.7mm, temperature range -40°C - 120°C, split sealing insert



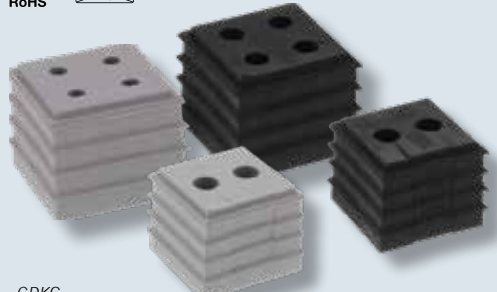
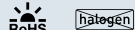
CDKS

| Type         | Colour | Code     | Size (mm)   | Suitable for Cable Size (mm) | Notes |
|--------------|--------|----------|-------------|------------------------------|-------|
| CDKS 2-11 HB |        | 10108226 | 20.7 x 20.7 | 2 - 11                       |       |
| CDGS 7-24 HB |        | 10108227 | 43.1 x 43.1 | 7 - 24                       |       |

**Module Entry System - CONMAXX**

**CONMAXX - Sealing Insert, Multiple Entry, CDKG**

IP66, thermoplastic elastomer, size 20.7mm x 20.7mm, temperature range -40°C - 120°C, split sealing insert



CDKG

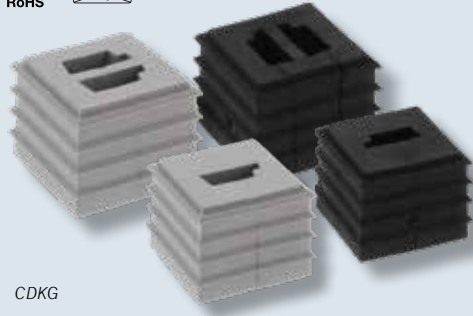
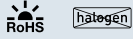
| Type       | Colour | Code     | Number of Entries | Suitable for Cable Size (mm) | Notes |
|------------|--------|----------|-------------------|------------------------------|-------|
| CDKG 2x4-5 |        | 10108228 | 2                 | 4 - 5                        |       |
| CDKG 2x5-6 |        | 10108229 | 2                 | 5 - 6                        |       |
| CDKG 4x2-3 |        | 10108230 | 4                 | 2 - 3                        |       |
| CDKG 4x3-4 |        | 10108231 | 4                 | 3 - 4                        |       |
| CDKG 2x4-5 |        | 10108268 | 2                 | 4 - 5                        |       |
| CDKG 2x5-6 |        | 10108269 | 2                 | 5 - 6                        |       |
| CDKG 2x7*  |        | 10111005 | 2                 | 6 - 7                        |       |
| CDKG 2x8*  |        | 10111006 | 2                 | 7 - 8                        |       |
| CDKG 4x2-3 |        | 10108270 | 4                 | 2 - 3                        |       |
| CDKG 4x3-4 |        | 10108271 | 4                 | 3 - 4                        |       |



### Module Entry System - CONMAXX

#### CONMAXX - Sealing Insert, AS Interface, CDKG ASI

IP66, thermoplastic elastomer, size 20.7mm x 20.7mm, temperature range -40°C - 120°C, split sealing insert



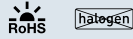
CDKG

| Type       | Colour | Code     | Number of Entries | Notes |
|------------|--------|----------|-------------------|-------|
| CDKG/1xASI | Black  | 10108232 | 1                 |       |
| CDKG/2xASI | Black  | 10108233 | 2                 |       |
| CDKG/1xASI | Grey   | 10108272 | 1                 |       |
| CDKG/2xASI | Grey   | 10108273 | 2                 |       |

## STOP ENDS - PLASTIC

### Stop Ends - Plastic EVSG

IP56, (with sealing IP66 / IP68), polyamide fibre reinforced, glow wire test 650°C, temperature range -40°C - 100°C



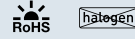
EVSG



| Type    | Colour | Code     | Size | Notes |
|---------|--------|----------|------|-------|
| EVSG 12 | Black  | 10060624 | M12  |       |
| EVSG 16 | Black  | 10060625 | M16  |       |
| EVSG 20 | Black  | 10060626 | M20  |       |
| EVSG 25 | Black  | 10060627 | M25  |       |
| EVSG 32 | Black  | 10060628 | M32  |       |
| EVSG 40 | Black  | 10060629 | M40  |       |
| EVSG 50 | Black  | 10060630 | M50  |       |
| EVSG 63 | Black  | 10060631 | M63  |       |
| EVSG 12 | Grey   | 10061830 | M12  |       |
| EVSG 16 | Grey   | 10061831 | M16  |       |
| EVSG 20 | Grey   | 10061832 | M20  |       |
| EVSG 25 | Grey   | 10061833 | M25  |       |
| EVSG 32 | Grey   | 10061834 | M32  |       |
| EVSG 40 | Grey   | 10061835 | M40  |       |
| EVSG 50 | Grey   | 10061836 | M50  |       |
| EVSG 63 | Grey   | 10061837 | M63  |       |
| EVSG 12 | White  | 10062514 | M12  |       |
| EVSG 16 | White  | 10062515 | M16  |       |
| EVSG 20 | White  | 10062516 | M20  |       |
| EVSG 25 | White  | 10062517 | M25  |       |
| EVSG 32 | White  | 10062518 | M32  |       |
| EVSG 40 | White  | 10062519 | M40  |       |
| EVSG 50 | White  | 10062520 | M50  |       |
| EVSG 63 | White  | 10062521 | M63  |       |

### Stop Ends - Plastic PG, VSG

IP56, (with sealing IP66 / IP68), polyamide fibre reinforced, temperature range -40°C - 100°C



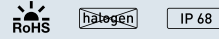
VSG

| Type     | Colour | Code     | Size    | Notes |
|----------|--------|----------|---------|-------|
| VSG 7    | White  | 50060728 | PG 7    |       |
| VSG 9    | White  | 50060729 | PG 9    |       |
| VSG 11   | White  | 50060730 | PG 11   |       |
| VSG 13.5 | White  | 50060731 | PG 13.5 |       |
| VSG 16   | White  | 10060732 | PG 16   |       |
| VSG 21   | White  | 50060733 | PG 21   |       |
| VSG 29   | White  | 50060734 | PG 29   |       |
| VSG 36   | White  | 50060735 | PG 36   |       |
| VSG 42   | White  | 50060736 | PG 42   |       |
| VSG 48   | White  | 50060737 | PG 48   |       |

### Stop Ends - Plastic

#### With Mounted O-ring Seal, EVSG-ORD

IP66 / IP68 (5 bar 30 min), polyamide fibre reinforced, gasket EPDM, glow wire test 650°C, temperature range -40°C - 100°C

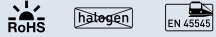


EVSG-ORD

| Type        | Colour | Code     | Size | Notes |
|-------------|--------|----------|------|-------|
| EVSG-ORD 12 | Black  | 10064634 | M12  |       |
| EVSG-ORD 16 | Black  | 10064635 | M16  |       |
| EVSG-ORD 20 | Black  | 10064636 | M20  |       |
| EVSG-ORD 25 | Black  | 10064637 | M25  |       |
| EVSG-ORD 32 | Black  | 10064638 | M32  |       |
| EVSG-ORD 40 | Black  | 10064639 | M40  |       |
| EVSG-ORD 50 | Black  | 10064640 | M50  |       |
| EVSG-ORD 63 | Black  | 10064641 | M63  |       |
| EVSG-ORD 12 | Grey   | 10064642 | M12  |       |
| EVSG-ORD 16 | Grey   | 10064643 | M16  |       |
| EVSG-ORD 20 | Grey   | 10064644 | M20  |       |
| EVSG-ORD 25 | Grey   | 10064645 | M25  |       |
| EVSG-ORD 32 | Grey   | 10064646 | M32  |       |
| EVSG-ORD 40 | Grey   | 10064647 | M40  |       |
| EVSG-ORD 50 | Grey   | 10064648 | M50  |       |
| EVSG-ORD 63 | Grey   | 10064649 | M63  |       |
| EVSG-ORD 12 | White  | 10064650 | M12  |       |
| EVSG-ORD 16 | White  | 10064651 | M16  |       |
| EVSG-ORD 20 | White  | 10064652 | M20  |       |
| EVSG-ORD 25 | White  | 10064653 | M25  |       |
| EVSG-ORD 32 | White  | 10064654 | M32  |       |
| EVSG-ORD 40 | White  | 10064655 | M40  |       |
| EVSG-ORD 50 | White  | 10064656 | M50  |       |
| EVSG-ORD 63 | White  | 10064657 | M63  |       |

**Stop Ends - Plastic  
Flame-Retardant, EVSF**

IP56, (with sealing IP66 / IP68), Polyamide UL94-V0, glow wire test 960°C, temperature range -40°C - 100°C



EVSF

| Type    | Colour | Code     | Size | Notes |
|---------|--------|----------|------|-------|
| EVSF 12 |        | 10064666 | M12  |       |
| EVSF 16 |        | 10064667 | M16  |       |
| EVSF 20 |        | 10064668 | M20  |       |
| EVSF 25 |        | 10064669 | M25  |       |
| EVSF 32 |        | 10064670 | M32  |       |
| EVSF 40 |        | 10064671 | M40  |       |
| EVSF 50 |        | 10064672 | M50  |       |
| EVSF 63 |        | 10064673 | M63  |       |

**Stop Ends - Plastic  
Polystyrene, EVS**

IP56, (with sealing IP66 / IP68), Polystyrene, impact resistant, temperature range -20°C - 60°C



EVS

| Type   | Colour | Code     | Size | Notes |
|--------|--------|----------|------|-------|
| EVS 12 |        | 10062490 | M12  |       |
| EVS 16 |        | 10062491 | M16  |       |
| EVS 20 |        | 10062492 | M20  |       |
| EVS 25 |        | 10062493 | M25  |       |
| EVS 32 |        | 10062494 | M32  |       |
| EVS 40 |        | 10062495 | M40  |       |
| EVS 50 |        | 10062496 | M50  |       |
| EVS 63 |        | 10062497 | M63  |       |
| EVS 12 |        | 10062498 | M12  |       |
| EVS 16 |        | 10062499 | M16  |       |
| EVS 20 |        | 10062500 | M20  |       |
| EVS 25 |        | 10062501 | M25  |       |
| EVS 32 |        | 10062502 | M32  |       |
| EVS 40 |        | 10062503 | M40  |       |
| EVS 50 |        | 10062504 | M50  |       |
| EVS 63 |        | 10062505 | M63  |       |
| EVS 12 |        | 10064658 | M12  |       |
| EVS 16 |        | 10064659 | M16  |       |
| EVS 20 |        | 10064660 | M20  |       |
| EVS 25 |        | 10064661 | M25  |       |
| EVS 32 |        | 10064662 | M32  |       |
| EVS 40 |        | 10064663 | M40  |       |
| EVS 50 |        | 10064664 | M50  |       |
| EVS 63 |        | 10064665 | M63  |       |

**Stop Ends - Plastic  
Polystyrene, PG, VS**

IP56, (with sealing IP66 / IP68), Polystyrene, impact resistant, temperature range -20°C - 60°C

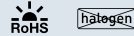


VS

| Type    | Colour | Code     | Size    | Notes |
|---------|--------|----------|---------|-------|
| VS 7    |        | 50060708 | PG 7    |       |
| VS 9    |        | 50060709 | PG 9    |       |
| VS 11   |        | 50060710 | PG 11   |       |
| VS 13.5 |        | 50060711 | PG 13.5 |       |
| VS 16   |        | 10060712 | PG 16   |       |
| VS 21   |        | 50060713 | PG 21   |       |
| VS 29   |        | 50060714 | PG 29   |       |
| VS 36   |        | 50060715 | PG 36   |       |
| VS 42   |        | 50060716 | PG 42   |       |
| VS 48   |        | 50060717 | PG 48   |       |
| VS 7    |        | 50061761 | PG 7    |       |
| VS 9    |        | 50061762 | PG 9    |       |
| VS 11   |        | 50061763 | PG 11   |       |
| VS 13.5 |        | 50061764 | PG 13.5 |       |
| VS 16   |        | 10061642 | PG 16   |       |
| VS 21   |        | 50061765 | PG 21   |       |
| VS 29   |        | 50061766 | PG 29   |       |
| VS 36   |        | 50061767 | PG 36   |       |
| VS 42   |        | 50061768 | PG 42   |       |
| VS 48   |        | 50061769 | PG 48   |       |

**Stop Ends - Plastic  
Hexagonal, EVSGS**

IP56, (with sealing IP66 / IP68)\*, Polyamide, temperature range -40°C - 100°C



EVSGS

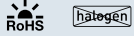
| Type          | Colour | Code     | Size | Notes |
|---------------|--------|----------|------|-------|
| EVSGS 12      |        | 10110102 | M12  |       |
| EVSGS 16      |        | 10110103 | M16  |       |
| EVSGS 20      |        | 10110104 | M20  |       |
| EVSGS 25      |        | 10062397 | M25  |       |
| EVSGS 32      |        | 10062398 | M32  |       |
| EVSGS 40      |        | 10062399 | M40  |       |
| EVSGS 50      |        | 10110105 | M50  |       |
| EVSGS 63      |        | 10110106 | M63  |       |
| EVSGS-ORD 12* |        | 10110107 | M12  |       |
| EVSGS-ORD 16* |        | 10110108 | M16  |       |
| EVSGS-ORD 20* |        | 10110109 | M20  |       |
| EVSGS-ORD 25* |        | 10110110 | M25  |       |
| EVSGS-ORD 32* |        | 10110111 | M32  |       |
| EVSGS-ORD 40* |        | 10110112 | M40  |       |
| EVSGS-ORD 50* |        | 10110113 | M50  |       |
| EVSGS-ORD 63* |        | 10110114 | M63  |       |

(\*with sealing IP66 / IP68)

# ADAPTORS - PLASTIC

## Adaptors - Plastic Enlargement, KEM

Polyamide, fibre reinforced, glow wire test 650°C ,  
temperature range -40°C - 100°C



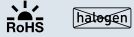
KEM



| Type      | Colour | Code     | From | To  | Notes |
|-----------|--------|----------|------|-----|-------|
| KEM 12/16 |        | 10063570 | M12  | M16 |       |
| KEM 16/20 |        | 10063571 | M16  | M20 |       |
| KEM 20/25 |        | 10063572 | M20  | M25 |       |
| KEM 25/32 |        | 10063573 | M25  | M32 |       |
| KEM 32/40 |        | 10063574 | M32  | M40 |       |
| KEM 40/50 |        | 10063575 | M40  | M50 |       |
| KEM 50/63 |        | 10063576 | M50  | M63 |       |

## Adaptors - Plastic Enlargement, with Gasket, KEM EADR

Polyamide, fibre reinforced, gasket EPDM, glow wire test 650°C ,  
temperature range -40°C - 100°C

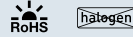


KEM EADR

| Type              | Colour | Code     | From | To  | Notes |
|-------------------|--------|----------|------|-----|-------|
| KEM 12/16 EADR 12 |        | 10102734 | M12  | M16 |       |
| KEM 16/20 EADR 16 |        | 10102735 | M16  | M20 |       |
| KEM 20/25 EADR 20 |        | 10102736 | M20  | M25 |       |
| KEM 25/32 EADR 25 |        | 10102737 | M25  | M32 |       |
| KEM 32/40 EADR 32 |        | 10102738 | M32  | M40 |       |
| KEM 40/50 EADR 40 |        | 10102739 | M40  | M50 |       |
| KEM 50/63 EADR 50 |        | 10102740 | M50  | M63 |       |

## Adaptors - Plastic Enlargement, PG - PG, KEP

Polyamide, fibre reinforced, glow wire test 650°C ,  
temperature range -40°C - 100°C

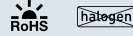


KEP

| Type        | Colour | Code     | From    | To      | Notes |
|-------------|--------|----------|---------|---------|-------|
| KEP 7/9     |        | 10063595 | PG 7    | PG 9    |       |
| KEP 9/11    |        | 10063596 | PG 9    | PG 11   |       |
| KEP 11/13.5 |        | 10063597 | PG 11   | PG 13.5 |       |
| KEP 13.5/16 |        | 10063598 | PG 13.5 | PG 16   |       |
| KEP 16/21   |        | 10063599 | PG 16   | PG 21   |       |
| KEP 21/29   |        | 10063600 | PG 21   | PG 29   |       |
| KEP 29/36   |        | 10063601 | PG 29   | PG 36   |       |
| KEP 36/42   |        | 10063602 | PG 36   | PG 42   |       |
| KEP 42/48   |        | 10063603 | PG 42   | PG 48   |       |

## Adaptors - Plastic Reduction, KRM

Polyamide, fibre reinforced, glow wire test 650°C ,  
temperature range -40°C - 100°C



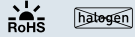
KRM



| Type      | Colour | Code     | From | To  | Notes |
|-----------|--------|----------|------|-----|-------|
| KRM 16/12 |        | 10063577 | M16  | M12 |       |
| KRM 20/12 |        | 10063578 | M20  | M12 |       |
| KRM 20/16 |        | 10063579 | M20  | M16 |       |
| KRM 25/12 |        | 10063580 | M25  | M12 |       |
| KRM 25/16 |        | 10063581 | M25  | M16 |       |
| KRM 25/20 |        | 10063582 | M25  | M20 |       |
| KRM 32/16 |        | 10063583 | M32  | M16 |       |
| KRM 32/20 |        | 10063584 | M32  | M20 |       |
| KRM 32/25 |        | 10063585 | M32  | M25 |       |
| KRM 40/20 |        | 10063586 | M40  | M20 |       |
| KRM 40/25 |        | 10063587 | M40  | M25 |       |
| KRM 40/32 |        | 10063588 | M40  | M32 |       |
| KRM 50/25 |        | 10063589 | M50  | M25 |       |
| KRM 50/32 |        | 10063590 | M50  | M32 |       |
| KRM 50/40 |        | 10063591 | M50  | M40 |       |
| KRM 63/32 |        | 10063592 | M63  | M32 |       |
| KRM 63/40 |        | 10063593 | M63  | M40 |       |
| KRM 63/50 |        | 10063594 | M63  | M50 |       |

**Adaptors - Plastic Reduction, with Gaskets, KRM EADR**

Polyamide, fibre reinforced, gasket EPDM, glow wire test 650°C , temperature range -40°C - 100°C

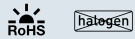


KRM EADR

| Type              | Colour | Code     | From | To  | Notes |
|-------------------|--------|----------|------|-----|-------|
| KRM 25/12 EADR 25 |        | 10102724 | M25  | M12 |       |
| KRM 25/20 EADR 25 |        | 10102725 | M25  | M20 |       |
| KRM 32/16 EADR 32 |        | 10102726 | M32  | M16 |       |
| KRM 32/25 EADR 32 |        | 10102727 | M32  | M25 |       |
| KRM 40/20 EADR 40 |        | 10102728 | M40  | M20 |       |
| KRM 40/25 EADR 40 |        | 10102729 | M40  | M25 |       |
| KRM 50/25 EADR 50 |        | 10102730 | M50  | M25 |       |
| KRM 50/32 EADR 50 |        | 10102731 | M50  | M32 |       |
| KRM 63/32 EADR 63 |        | 10102732 | M63  | M32 |       |
| KRM 63/40 EADR 63 |        | 10102733 | M63  | M40 |       |

**Adaptors - Plastic Reduction Adaptors, PG - PG, KRP**

Polyamide, fibre reinforced, glow wire test 650°C , temperature range -40°C - 100°C



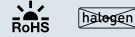
Form A

Form B

| Type        | Colour | Code     | Form | From    | To      | Notes |
|-------------|--------|----------|------|---------|---------|-------|
| KRP 9/7     |        | 10063604 | A    | PG 9    | PG 7    |       |
| KRP 11/7    |        | 10063605 | B    | PG 11   | PG 7    |       |
| KRP 11/9    |        | 10063606 | A    | PG 11   | PG 9    |       |
| KRP 13.5/7  |        | 10063607 | B    | PG 13.5 | PG 7    |       |
| KRP 13.5/9  |        | 10063608 | A    | PG 13.5 | PG 9    |       |
| KRP 13.5/11 |        | 10063609 | A    | PG 13.5 | PG 11   |       |
| KRP 16/9    |        | 10063610 | B    | PG 16   | PG 9    |       |
| KRP 16/11   |        | 10063611 | A    | PG 16   | PG 11   |       |
| KRP 16/13.5 |        | 10063612 | A    | PG 16   | PG 13.5 |       |
| KRP 21/11   |        | 10063613 | B    | PG 21   | PG 11   |       |
| KRP 21/13.5 |        | 10063614 | B    | PG 21   | PG 13.5 |       |
| KRP 21/16   |        | 10063615 | B    | PG 21   | PG 16   |       |
| KRP 29/13.5 |        | 10063616 | B    | PG 29   | PG 13.5 |       |
| KRP 29/16   |        | 10063617 | B    | PG 29   | PG 16   |       |
| KRP 29/21   |        | 10063618 | B    | PG 29   | PG 21   |       |
| KRP 36/16   |        | 10063619 | B    | PG 36   | PG 16   |       |
| KRP 36/21   |        | 10063620 | B    | PG 36   | PG 21   |       |
| KRP 36/29   |        | 10063621 | B    | PG 36   | PG 29   |       |
| KRP 42/21   |        | 10063622 | B    | PG 42   | PG 21   |       |
| KRP 42/29   |        | 10063623 | B    | PG 42   | PG 29   |       |
| KRP 42/36   |        | 10063624 | B    | PG 42   | PG 36   |       |
| KRP 48/29   |        | 10063625 | B    | PG 48   | PG 29   |       |
| KRP 48/36   |        | 10063626 | B    | PG 48   | PG 36   |       |
| KRP 48/42   |        | 10063627 | B    | PG 48   | PG 42   |       |

**Adaptors - Plastic Adaptors, Metric - PG, AMP**

Polyamide, fibre reinforced, glow wire test 650°C , temperature range -40°C - 100°C



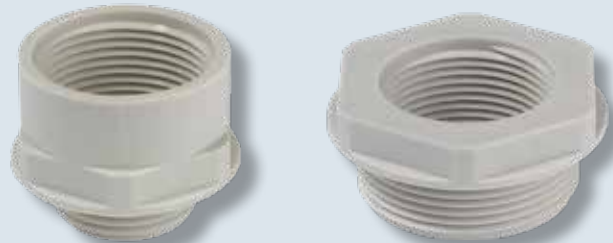
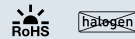
Form A

Form B

| Type        | Colour | Code     | Form | From | To      | Notes |
|-------------|--------|----------|------|------|---------|-------|
| AMP 12/7    |        | 10063628 | A    | M12  | PG 7    |       |
| AMP 12/9    |        | 10063629 | A    | M12  | PG 9    |       |
| AMP 16/9    |        | 10063630 | A    | M16  | PG 9    |       |
| AMP 16/11   |        | 10063631 | A    | M16  | PG 11   |       |
| AMP 16/13,5 |        | 10063632 | A    | M16  | PG 13.5 |       |
| AMP 20/11   |        | 10063633 | A    | M20  | PG 11   |       |
| AMP 20/13,5 |        | 10063634 | A    | M20  | PG 13.5 |       |
| AMP 20/16   |        | 10063635 | A    | M20  | PG 16   |       |
| AMP 25/13,5 |        | 10063636 | B    | M25  | PG 13.5 |       |
| AMP 25/16   |        | 10063637 | A    | M25  | PG 16   |       |
| AMP 25/21   |        | 10063638 | A    | M25  | PG 21   |       |
| AMP 32/16   |        | 10063639 | B    | M32  | PG 16   |       |
| AMP 32/21   |        | 10063640 | A    | M32  | PG 21   |       |
| AMP 32/29   |        | 10063641 | A    | M32  | PG 29   |       |
| AMP 40/21   |        | 10063642 | B    | M40  | PG 21   |       |
| AMP 40/29   |        | 10063643 | A    | M40  | PG 29   |       |
| AMP 40/36   |        | 10063644 | A    | M40  | PG 36   |       |
| AMP 50/36   |        | 10063645 | A    | M50  | PG 36   |       |
| AMP 50/42   |        | 10063646 | A    | M50  | PG 42   |       |
| AMP 50/48   |        | 10063647 | A    | M50  | PG 48   |       |
| AMP 63/42   |        | 10063648 | B    | M63  | PG 42   |       |
| AMP 63/48   |        | 10063649 | A    | M63  | PG 48   |       |

**Adaptors - Plastic Adaptors, PG - Metric, APM**

Polyamide, fibre reinforced, glow wire test 650°C , temperature range -40°C - 100°C



Form A

Form B

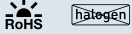
| Type        | Colour | Code     | Form | From    | To  | Notes |
|-------------|--------|----------|------|---------|-----|-------|
| APM 7/12    |        | 10063650 | A    | PG 7    | M12 |       |
| APM 7/16    |        | 10063651 | A    | PG 7    | M16 |       |
| APM 9/12    |        | 10063652 | A    | PG 9    | M12 |       |
| APM 9/16    |        | 10063653 | A    | PG 9    | M16 |       |
| APM 9/20    |        | 10063654 | A    | PG 9    | M20 |       |
| APM 11/16   |        | 10063655 | A    | PG 11   | M16 |       |
| APM 11/20   |        | 10063656 | A    | PG 11   | M20 |       |
| APM 11/25   |        | 10063657 | A    | PG 11   | M25 |       |
| APM 13.5/16 |        | 10063658 | A    | PG 13.5 | M16 |       |
| APM 13.5/20 |        | 10063659 | A    | PG 13.5 | M20 |       |
| APM 13.5/25 |        | 10063660 | A    | PG 13.5 | M25 |       |
| APM 16/20   |        | 10063661 | A    | PG 16   | M20 |       |
| APM 16/25   |        | 10063662 | A    | PG 16   | M25 |       |
| APM 16/32   |        | 10063663 | A    | PG 16   | M32 |       |
| APM 21/25   |        | 10063664 | A    | PG 21   | M25 |       |
| APM 21/32   |        | 10063665 | A    | PG 21   | M32 |       |
| APM 21/40   |        | 10063666 | A    | PG 21   | M40 |       |

Continued...

| Type      | Colour | Code     | Form | From  | To  | Notes |
|-----------|--------|----------|------|-------|-----|-------|
| APM 29/32 |        | 10063667 | B    | PG 29 | M32 |       |
| APM 29/40 |        | 10063668 | A    | PG 29 | M40 |       |
| APM 29/50 |        | 10063669 | A    | PG 29 | M50 |       |
| APM 36/40 |        | 10063670 | B    | PG 36 | M40 |       |
| APM 36/50 |        | 10063671 | A    | PG 36 | M50 |       |
| APM 36/63 |        | 10063672 | A    | PG 36 | M63 |       |
| APM 42/40 |        | 10063673 | B    | PG 42 | M40 |       |
| APM 42/50 |        | 10063674 | A    | PG 42 | M50 |       |
| APM 42/63 |        | 10063675 | A    | PG 42 | M63 |       |
| APM 48/50 |        | 10063676 | B    | PG 48 | M50 |       |
| APM 48/63 |        | 10063677 | A    | PG 48 | M63 |       |

**Adaptors - Plastic  
Plug Spouts, EST**

IP66, thermoplastic elastomer, temperature range -40°C - 80°C

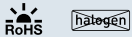


EST

| Type   | Colour | Code     | From | Notes |
|--------|--------|----------|------|-------|
| EST 16 |        | 10062551 | M16  |       |
| EST 20 |        | 10062552 | M20  |       |
| EST 25 |        | 10062553 | M25  |       |
| EST 32 |        | 10062554 | M32  |       |

**Adaptors - Plastic  
Elbows 90°, EWI90**

Polyamide UL94-V0, temperature range -40°C - 100°C



EWI90

| Type     | Colour | Code     | From | Notes |
|----------|--------|----------|------|-------|
| EWI90 12 |        | 10110774 | M12  |       |
| EWI90 16 |        | 10110775 | M16  |       |
| EWI90 20 |        | 10110776 | M20  |       |
| EWI90 25 |        | 10110777 | M25  |       |
| EWI90 32 |        | 10110778 | M32  |       |
| EWI90 40 |        | 10110779 | M40  |       |
| EWI90 50 |        | 10110780 | M50  |       |
| EWI90 63 |        | 10110781 | M63  |       |
| EWI90 12 |        | 10110782 | M12  |       |
| EWI90 16 |        | 10110783 | M16  |       |
| EWI90 20 |        | 10110784 | M20  |       |
| EWI90 25 |        | 10110785 | M25  |       |
| EWI90 32 |        | 10110786 | M32  |       |
| EWI90 40 |        | 10110787 | M40  |       |
| EWI90 50 |        | 10110788 | M50  |       |
| EWI90 63 |        | 10110789 | M63  |       |

## STOP ENDS - BRASS

**Stop Ends - Brass**

**EMVS**

IP54 (with O-ring IP66 / IP68), Brass nickel-plated, temperature range -200°C - 250°C



EMVS

| Type    | Colour | Code     | Size | Notes |
|---------|--------|----------|------|-------|
| EMVS 12 | Brass  | 10063151 | M12  |       |
| EMVS 16 | Brass  | 10063152 | M16  |       |
| EMVS 20 | Brass  | 10063153 | M20  |       |
| EMVS 25 | Brass  | 10063154 | M25  |       |
| EMVS 32 | Brass  | 10063155 | M32  |       |
| EMVS 40 | Brass  | 10063156 | M40  |       |
| EMVS 50 | Brass  | 10063157 | M50  |       |
| EMVS 63 | Brass  | 10063158 | M63  |       |
| EMVS 75 | Brass  | 10106173 | M75  |       |

**Stop Ends - Brass**

**Long Thread, EMVS-L**

IP54 (with O-ring IP66 / IP68), Brass nickel-plated, temperature range -200°C - 250°C



EMVS-L

| Type      | Colour | Code     | Size | Long Thread (mm) | Notes |
|-----------|--------|----------|------|------------------|-------|
| EMVS-L 12 | Brass  | 10065072 | M12  | 13               |       |
| EMVS-L 16 | Brass  | 10065073 | M16  | 13               |       |
| EMVS-L 20 | Brass  | 10065074 | M20  | 13               |       |
| EMVS-L 25 | Brass  | 10065075 | M25  | 14               |       |
| EMVS-L 32 | Brass  | 10065076 | M32  | 14.5             |       |
| EMVS-L 40 | Brass  | 10065077 | M40  | 14.5             |       |
| EMVS-L 50 | Brass  | 10065078 | M50  | 15.5             |       |
| EMVS-L 63 | Brass  | 10065079 | M63  | 16.5             |       |

BRACE SYSTEM  
JOINTS  
CABLE GLANDS  
CABLE ENTRIES  
ENCLOSURES  
JUNCTION BOXES  
LIGHTING  
TECHNICAL DATA



### Stop Ends - Brass

#### PG, MVS

IP54 (with O-ring IP66 / IP68), Brass nickel-plated, temperature range -200°C - 250°C



MVS

| Type | Colour | Code | Size | Notes |
|------|--------|------|------|-------|
|------|--------|------|------|-------|

|          |       |          |         |  |
|----------|-------|----------|---------|--|
| MVS 7    | Brass | 10062151 | PG 7    |  |
| MVS 9    | Brass | 10062152 | PG 9    |  |
| MVS 11   | Brass | 10062153 | PG 11   |  |
| MVS 13,5 | Brass | 10062154 | PG 13.5 |  |
| MVS 16   | Brass | 10062155 | PG 16   |  |
| MVS 21   | Brass | 10062156 | PG 21   |  |
| MVS 29   | Brass | 10062157 | PG 29   |  |
| MVS 36   | Brass | 10062158 | PG 36   |  |
| MVS 42   | Brass | 10062159 | PG 42   |  |
| MVS 48   | Brass | 10062160 | PG 48   |  |

### Stop Ends - Brass

#### With Mounted O-ring Seal, EMVS-ORD

IP66 / IP68 (5 bar 30 min), Brass nickel-plated, temperature range -40°C - 120°C



EMVS-ORD

| Type | Colour | Code | Size | Notes |
|------|--------|------|------|-------|
|------|--------|------|------|-------|

|             |       |          |     |  |
|-------------|-------|----------|-----|--|
| EMVS-ORD 12 | Brass | 10065080 | M12 |  |
| EMVS-ORD 16 | Brass | 10065081 | M16 |  |
| EMVS-ORD 20 | Brass | 10065082 | M20 |  |
| EMVS-ORD 25 | Brass | 10065083 | M25 |  |
| EMVS-ORD 32 | Brass | 10065084 | M32 |  |
| EMVS-ORD 40 | Brass | 10065085 | M40 |  |
| EMVS-ORD 50 | Brass | 10065086 | M50 |  |
| EMVS-ORD 63 | Brass | 10065087 | M63 |  |

### Stop Ends - Brass

#### Hexagonal, EMVSS-ORD

IP66 / IP68 (5 bar 30 min), Brass nickel-plated, temperature range -40°C - 120°C



EMVSS-ORD

| Type | Colour | Code | Size | Notes |
|------|--------|------|------|-------|
|------|--------|------|------|-------|

|              |       |          |     |  |
|--------------|-------|----------|-----|--|
| EMVSS-ORD 12 | Brass | 10102188 | M12 |  |
| EMVSS-ORD 16 | Brass | 10102189 | M16 |  |
| EMVSS-ORD 20 | Brass | 10102190 | M20 |  |
| EMVSS-ORD 25 | Brass | 10102191 | M25 |  |
| EMVSS-ORD 32 | Brass | 10102192 | M32 |  |

Continued...

| Type | Colour | Code | Size | Notes |
|------|--------|------|------|-------|
|------|--------|------|------|-------|

|              |       |          |     |  |
|--------------|-------|----------|-----|--|
| EMVSS-ORD 40 | Brass | 10102193 | M40 |  |
| EMVSS-ORD 50 | Brass | 10102194 | M50 |  |
| EMVSS-ORD 63 | Brass | 10102195 | M63 |  |

## BUSHES - BRASS

### Bushes - Brass

#### EMDRU

Brass nickel-plated, temperature range -200°C - 250°C



EMDRU

| Type | Colour | Code | Size | Notes |
|------|--------|------|------|-------|
|------|--------|------|------|-------|

|          |       |          |     |  |
|----------|-------|----------|-----|--|
| EMDRU 12 | Brass | 10062900 | M12 |  |
| EMDRU 16 | Brass | 10062901 | M16 |  |
| EMDRU 20 | Brass | 10062902 | M20 |  |
| EMDRU 25 | Brass | 10062903 | M25 |  |
| EMDRU 32 | Brass | 10062904 | M32 |  |
| EMDRU 40 | Brass | 10062905 | M40 |  |
| EMDRU 50 | Brass | 10062906 | M50 |  |
| EMDRU 63 | Brass | 10062907 | M63 |  |

## ADAPTORS - BRASS

### Adaptors - Brass

#### Enlargement Adaptors, MEM

Brass nickel-plated, temperature range -200°C - 250°C



MEM

| Type | Colour | Code | From | To | Notes |
|------|--------|------|------|----|-------|
|------|--------|------|------|----|-------|

|           |       |          |     |     |  |
|-----------|-------|----------|-----|-----|--|
| MEM 12/16 | Brass | 10063953 | M12 | M16 |  |
| MEM 16/20 | Brass | 10063954 | M16 | M20 |  |
| MEM 20/25 | Brass | 10063955 | M20 | M25 |  |
| MEM 25/32 | Brass | 10063956 | M25 | M32 |  |
| MEM 32/40 | Brass | 10063957 | M32 | M40 |  |
| MEM 40/50 | Brass | 10063958 | M40 | M50 |  |
| MEM 50/63 | Brass | 10063959 | M50 | M63 |  |

### Adaptors - Brass

#### Enlargement Adaptors, PG - PG, MEP

Brass nickel-plated, temperature range -200°C - 250°C



MEP

| Type          | Colour | Code     | From    | To      | Notes |
|---------------|--------|----------|---------|---------|-------|
| MEP 7 - 9     | Brass  | 10062191 | PG 7    | PG 9    |       |
| MEP 9 - 11    | Brass  | 10062192 | PG 9    | PG 11   |       |
| MEP 9 - 13.5  | Brass  | 10062193 | PG 9    | PG 13.5 |       |
| MEP 11 - 13.5 | Brass  | 10062194 | PG 11   | PG 13.5 |       |
| MEP 11 - 16   | Brass  | 10062195 | PG 11   | PG 16   |       |
| MEP 11 - 21   | Brass  | 10062196 | PG 11   | PG 21   |       |
| MEP 13.5 - 16 | Brass  | 10062197 | PG 13.5 | PG 16   |       |
| MEP 13.5 - 21 | Brass  | 10062198 | PG 13.5 | PG 21   |       |
| MEP 16 - 21   | Brass  | 10062199 | PG 16   | PG 21   |       |
| MEP 16 - 29   | Brass  | 10062200 | PG 16   | PG 29   |       |
| MEP 21 - 29   | Brass  | 10062201 | PG 21   | PG 29   |       |
| MEP 29 - 36   | Brass  | 10062202 | PG 29   | PG 36   |       |
| MEP 36 - 42   | Brass  | 10062203 | PG 36   | PG 42   |       |
| MEP 42 - 48   | Brass  | 10062204 | PG 42   | PG 48   |       |

### Adaptors - Brass

#### Reduction Adaptors, MRM

Brass nickel-plated, temperature range -200°C - 250°C



MRM

| Type      | Colour | Code     | From | To  | Notes |
|-----------|--------|----------|------|-----|-------|
| MRM 16/12 | Brass  | 10063940 | M16  | M12 |       |
| MRM 20/12 | Brass  | 10063941 | M20  | M12 |       |
| MRM 20/16 | Brass  | 10063942 | M20  | M16 |       |
| MRM 25/16 | Brass  | 10063943 | M25  | M16 |       |
| MRM 25/20 | Brass  | 10063944 | M25  | M20 |       |
| MRM 32/20 | Brass  | 10063945 | M32  | M20 |       |
| MRM 32/25 | Brass  | 10063946 | M32  | M25 |       |
| MRM 40/25 | Brass  | 10063947 | M40  | M25 |       |
| MRM 40/32 | Brass  | 10063948 | M50  | M32 |       |
| MRM 50/32 | Brass  | 10063949 | M50  | M32 |       |
| MRM 50/40 | Brass  | 10063950 | M50  | M40 |       |
| MRM 63/40 | Brass  | 10063951 | M63  | M40 |       |
| MRM 63/50 | Brass  | 10063952 | M63  | M50 |       |

### Adaptors - Brass

#### Reduction Adaptors, PG - PG, MRP

Brass nickel-plated, temperature range -200°C - 250°C



MRP

| Type          | Colour | Code     | From    | To      | Notes |
|---------------|--------|----------|---------|---------|-------|
| MRP 9 - 7     | Brass  | 10062161 | PG 9    | PG 7    |       |
| MRP 11 - 7    | Brass  | 10062162 | PG 11   | PG 7    |       |
| MRP 11 - 9    | Brass  | 10062163 | PG 11   | PG 9    |       |
| MRP 13.5 - 7  | Brass  | 10062164 | PG 13.5 | PG 7    |       |
| MRP 13.5 - 9  | Brass  | 10062165 | PG 13.5 | PG 9    |       |
| MRP 13.5 - 11 | Brass  | 10062166 | PG 13.5 | PG 11   |       |
| MRP 16 - 7    | Brass  | 10062167 | PG 16   | PG 7    |       |
| MRP 16 - 9    | Brass  | 10062168 | PG 16   | PG 9    |       |
| MRP 16 - 11   | Brass  | 10062169 | PG 16   | PG 11   |       |
| MRP 16 - 13.5 | Brass  | 10062170 | PG 16   | PG 13.5 |       |
| MRP 21 - 11   | Brass  | 10062171 | PG 21   | PG 11   |       |
| MRP 21 - 13.5 | Brass  | 10062172 | PG 21   | PG 13.5 |       |
| MRP 21 - 16   | Brass  | 10062173 | PG 21   | PG 16   |       |
| MRP 29 - 13.5 | Brass  | 10062174 | PG 29   | PG 13.5 |       |
| MRP 29 - 16   | Brass  | 10062175 | PG 29   | PG 16   |       |
| MRP 29 - 21   | Brass  | 10062176 | PG 29   | PG 21   |       |
| MRP 36 - 21   | Brass  | 10062177 | PG 36   | PG 21   |       |
| MRP 36 - 29   | Brass  | 10062178 | PG 36   | PG 29   |       |
| MRP 42 - 29   | Brass  | 10062179 | PG 42   | PG 29   |       |
| MRP 42 - 36   | Brass  | 10062180 | PG 42   | PG 36   |       |
| MRP 48 - 36   | Brass  | 10062181 | PG 48   | PG 36   |       |
| MRP 48 - 42   | Brass  | 10062182 | PG 48   | PG 42   |       |

### Adaptors - Brass

#### Adaptors, Metric - PG, AMMP

Brass nickel-plated, temperature range -200°C - 250°C



AMMP

| Type         | Colour | Code     | From | To      | Notes |
|--------------|--------|----------|------|---------|-------|
| AMMP 12/7    | Brass  | 10063911 | M12  | PG 7    |       |
| AMMP 12/9    | Brass  | 10063912 | M12  | PG 9    |       |
| AMMP 16/7    | Brass  | 10063913 | M16  | PG 7    |       |
| AMMP 16/9    | Brass  | 10063914 | M16  | PG 9    |       |
| AMMP 16/11   | Brass  | 10063915 | M16  | PG 11   |       |
| AMMP 20/9    | Brass  | 10063916 | M20  | PG 9    |       |
| AMMP 20/11   | Brass  | 10063917 | M20  | PG 11   |       |
| AMMP 20/13,5 | Brass  | 10063918 | M20  | PG 13.5 |       |
| AMMP 20/16   | Brass  | 10063919 | M20  | PG 16   |       |
| AMMP 25/11   | Brass  | 10063920 | M25  | PG 11   |       |
| AMMP 25/13,5 | Brass  | 10063921 | M25  | PG 13.5 |       |
| AMMP 25/16   | Brass  | 10063922 | M25  | PG 16   |       |
| AMMP 25/21   | Brass  | 10063923 | M25  | PG 21   |       |
| AMMP 32/13,5 | Brass  | 10063924 | M32  | PG 13.5 |       |
| AMMP 32/16   | Brass  | 10063925 | M32  | PG 16   |       |
| AMMP 32/21   | Brass  | 10063926 | M32  | PG 21   |       |
| AMMP 32/29   | Brass  | 10063927 | M32  | PG 29   |       |
| AMMP 40/21   | Brass  | 10063929 | M40  | PG 21   |       |
| AMMP 40/29   | Brass  | 10063930 | M40  | PG 29   |       |

Continued...

BRACE SYSTEM

| Type       | Colour | Code     | From | To    | Notes |
|------------|--------|----------|------|-------|-------|
| AMMP 50/29 | Brass  | 10063933 | M50  | PG 29 |       |
| AMMP 50/42 | Brass  | 10063935 | M50  | PG 42 |       |
| AMMP 63/36 | Brass  | 10063937 | M63  | PG 36 |       |
| AMMP 63/42 | Brass  | 10063938 | M63  | PG 42 |       |
| AMMP 63/48 | Brass  | 10063939 | M63  | PG 48 |       |

JOINTS

**Adaptors - Brass**  
**Adaptors, PG - Metric, AMPM**

Brass nickel-plated, temperature range -200°C - 250°C



AMPM

CABLE GLANDS

| Type         | Colour | Code     | From    | To  | Notes |
|--------------|--------|----------|---------|-----|-------|
| AMPM 7/12    | Brass  | 10063880 | PG 7    | M12 |       |
| AMPM 9/16    | Brass  | 10063883 | PG 9    | M16 |       |
| AMPM 11/16   | Brass  | 10063885 | PG 11   | M16 |       |
| AMPM 13.5/20 | Brass  | 10063889 | PG 13.5 | M20 |       |
| AMPM 16/20   | Brass  | 10063891 | PG 16   | M20 |       |
| AMPM 16/25   | Brass  | 10063892 | PG 16   | M25 |       |
| AMPM 21/25   | Brass  | 10063894 | PG 21   | M25 |       |
| AMPM 21/32   | Brass  | 10063895 | PG 21   | M32 |       |
| AMPM 29/40   | Brass  | 10063898 | PG 29   | M40 |       |
| AMPM 36/50   | Brass  | 10063901 | PG 36   | M50 |       |
| AMPM 42/63   | Brass  | 10063905 | PG 42   | M63 |       |

CABLE ENTRIES

ENCLOSURES

**Adaptors - Brass**  
**Adaptors, Metric - NPT, AMMN**

Brass nickel-plated, temperature range -200°C - 250°C



AMMN

JUNCTION BOXES

| Type        | Colour | Code     | From | To       | Notes |
|-------------|--------|----------|------|----------|-------|
| AMMN 20-3/8 | Brass  | 10062965 | M20  | NPT 3/8" |       |
| AMMN 20-1/2 | Brass  | 10062966 | M20  | NPT 1/2" |       |
| AMMN 25-3/4 | Brass  | 10062967 | M25  | NPT 3/4" |       |
| AMMN 32-1   | Brass  | 10062968 | M32  | NPT 1"   |       |

LIGHTING

TECHNICAL DATA

## STOP ENDS - STAINLESS STEEL

**Stop Ends - Stainless Steel**

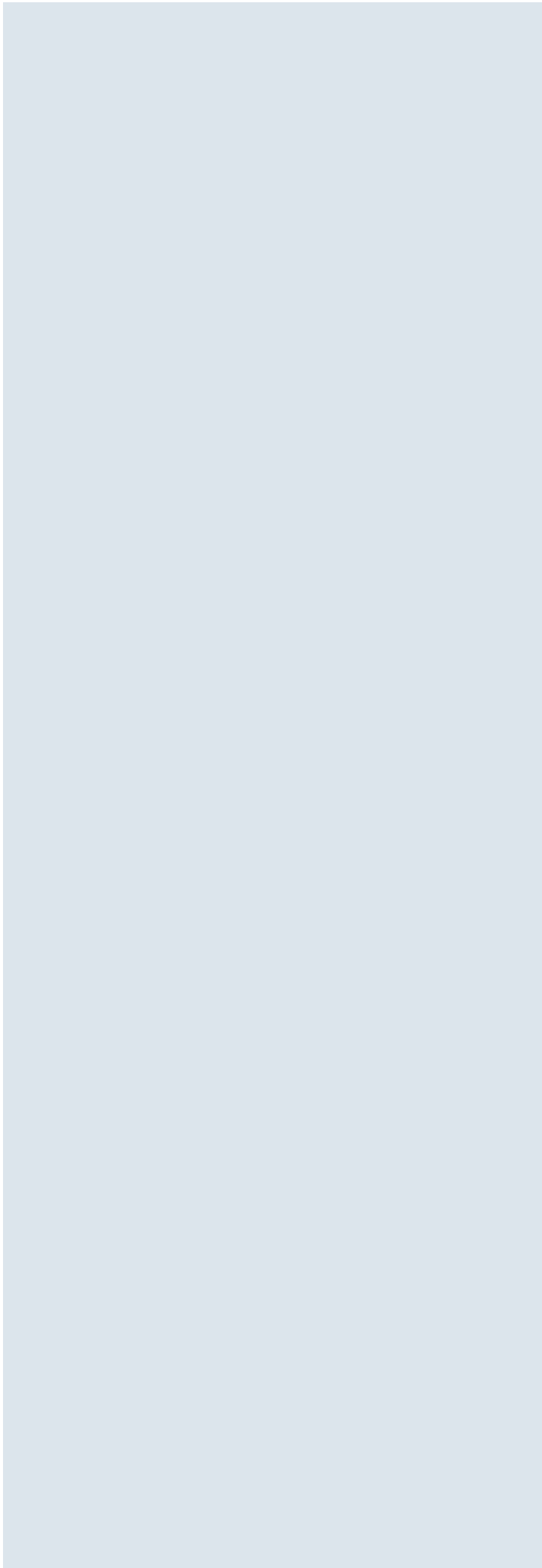
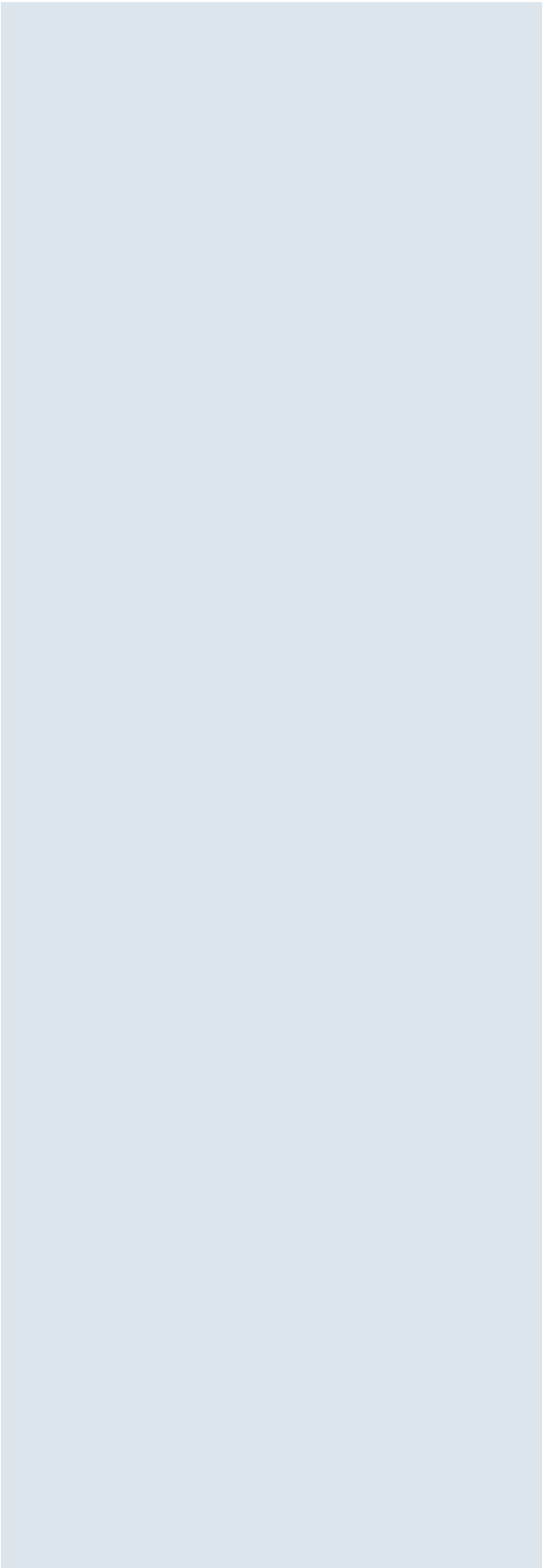
**ESVS**

IP54 (with O-ring IP66 / IP68), Stainless steel 1.4305



ESVS

| Type    | Colour | Code     | Size | Notes |
|---------|--------|----------|------|-------|
| ESVS 12 | Brass  | 10065460 | M12  |       |
| ESVS 16 | Brass  | 10065461 | M16  |       |
| ESVS 20 | Brass  | 10065462 | M20  |       |
| ESVS 25 | Brass  | 10065463 | M25  |       |
| ESVS 32 | Brass  | 10065464 | M32  |       |
| ESVS 40 | Brass  | 10065465 | M40  |       |
| ESVS 50 | Brass  | 10065466 | M50  |       |
| ESVS 63 | Brass  | 10065467 | M63  |       |



TECHNICAL DATA

LIGHTING

JUNCTION BOXES

ENCLOSURES

CABLE ENTRIES

CABLE GLANDS

JOINTS

BRACE SYSTEM







## Enclosures

BRACE SYSTEM

JOINTS

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

JUNCTION BOXES

LIGHTING

TECHNICAL DATA

# PLASTIC ENCLOSURES

## Plastic Enclosures

### Smooth Sided / with Cones, WIB

IP55/65, IK07, ABS thermoplastic enclosure with quarter turn screws, temperature range -25°C - 85°C, glow wire test 650°C



WIB 1 - 5



WIB 2/E

WIB 3/DR

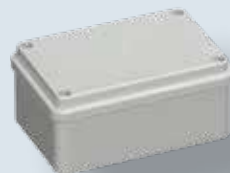


| Type       | Colour | Code     | Size (mm)       | Details            | Notes |
|------------|--------|----------|-----------------|--------------------|-------|
| WIB 1      |        | 815LH    | 110 x 110 x 60  |                    |       |
| WIB 1      |        | 815N     | 110 x 110 x 60  |                    |       |
| WIB 1/SL   |        | 615C     | 110 x 100 x 60  | Snap on lid        |       |
| WIB 1/E    |        | 715      | 110 x 110 x 60  | with Cones         |       |
| WIB 1/E    |        | 715N     | 110 x 110 x 60  | with Cones         |       |
| WIB1 CLIXX |        | 815CLIXX | 110 x 110 x 60  | with 2 x M20 CLIXX |       |
| WIB 2      |        | 816LH    | 160 x 120 x 70  |                    |       |
| WIB 2      |        | 816N     | 160 x 120 x 70  |                    |       |
| WIB 2/E    |        | 716      | 160 x 120 x 70  | with Cones         |       |
| WIB 2/E    |        | 716N     | 160 x 120 x 70  | with Cones         |       |
| WIB 3      |        | 817LH    | 165 x 145 x 84  |                    |       |
| WIB 3      |        | 817N     | 165 x 145 x 84  |                    |       |
| WIB 3/DR   |        | 817GLH   | 165 x 145 x 84  | with DIN Rail      |       |
| WIB 3/DR   |        | 817NGLH  | 165 x 145 x 84  | with DIN Rail      |       |
| WIB 3/E    |        | 717      | 165 x 145 x 84  | with Cones         |       |
| WIB 3/E    |        | 717N     | 165 x 145 x 84  | with Cones         |       |
| WIB 4      |        | 886LH    | 230 x 180 x 88  |                    |       |
| WIB 4      |        | 886N     | 230 x 180 x 88  |                    |       |
| WIB 4/DR   |        | 886GLH   | 230 x 180 x 88  | with DIN Rail      |       |
| WIB 4/E    |        | 686      | 230 x 180 x 88  | with Cones         |       |
| WIB 4/E    |        | 686N     | 230 x 180 x 88  | with Cones         |       |
| WIB 5      |        | 887LH    | 320 x 250 x 135 |                    |       |
| WIB 5      |        | 887N     | 320 x 250 x 135 |                    |       |



WIB 6

| Type   | Colour | Code     | Size (mm) | Details                        | Notes |
|--------|--------|----------|-----------|--------------------------------|-------|
| WIB 6  |        | 665      | 77 x 40   | Circular                       |       |
| WIB 6  |        | 665N     | 77 x 40   | Circular                       |       |
| WIB 6Q |        | 665Q     | 77 x 40   | Circular with quick fit system |       |
| WIB 16 |        | 10110235 | 83 x 45   | Circular                       |       |



WIB 7



WIB 15

| Type   | Colour | Code     | Size (mm)       | Details | Notes |
|--------|--------|----------|-----------------|---------|-------|
| WIB 7  |        | EC410C4R | 120 x 80 x 50   |         |       |
| WIB 8  |        | 50109656 | 130 x 90 x 65   |         |       |
| WIB 9  |        | 50106957 | 150 x 110 x 75  |         |       |
| WIB 10 |        | 50107342 | 170 x 170 x 120 |         |       |
| WIB 11 |        | 50107341 | 190 x 140 x 75  |         |       |
| WIB 12 |        | 50106958 | 240 x 190 x 90  |         |       |
| WIB 14 |        | 50106960 | 380 x 300 x 120 |         |       |
| WIB 15 |        | 50106962 | 460 x 380 x 120 |         |       |

## Plastic Enclosures

### Clear Lid, Smooth Sided / with Cones, CLWIB

Clear lid, IP65, IK07, ABS thermoplastic enclosure, temperature range -25°C - 85°C, glow wire test 650°C, polycarbonate lid with quarter turn screws.



CLWIB 1



CLWIB 2



CLWIB 3

| Type       | Colour | Code     | Size (mm)       | Details       | Notes |
|------------|--------|----------|-----------------|---------------|-------|
| CLWIB 1    |        | 6815LH   | 110 x 110 x 60  |               |       |
| CLWIB 2    |        | 6816LH   | 160 x 120 x 70  |               |       |
| CLWIB 3    |        | 6817LH   | 165 x 145 x 84  |               |       |
| CLWIB 3/DR |        | 6817LHG  | 165 x 145 x 84  | with DIN Rail |       |
| CLWIB 4    |        | 6886LH   | 230 x 180 x 88  |               |       |
| CLWIB 4/DR |        | 6886LHG  | 230 x 180 x 88  | with DIN Rail |       |
| CLWIB 5    |        | 6887LH   | 320 x 250 x 135 |               |       |
| CLWIB 12   |        | 50106963 | 240 x 190 x 90  |               |       |
| CLWIB 14   |        | 50106965 | 380 x 300 x 120 |               |       |
| CLWIB 15   |        | 50106967 | 460 x 380 x 120 |               |       |

## Plastic Enclosures

### Deep Lid, DLWIB

Deep lid, IP56/65, IK07, ABS, temperature range -5°C - 60°C, glow wire test 650°C.



DLWIB 11



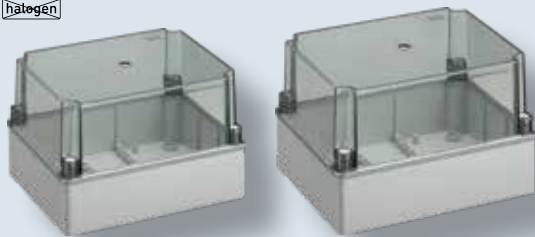
DLWIB 12

| Type        | Colour | Code       | Size (mm)       | Details       | Notes |
|-------------|--------|------------|-----------------|---------------|-------|
| DLWIB 9     |        | EC430C5    | 150 x 110 x 140 |               |       |
| DLWIB 11    |        | 50106959   | 190 x 140 x 140 |               |       |
| DLWIB 11/DR |        | EC430C6/DR | 190 x 140 x 140 | with DIN Rail |       |
| DLWIB 12    |        | EC430C7    | 240 x 190 x 160 |               |       |
| DLWIB 12/DR |        | EC430C7/DR | 240 x 190 x 160 | with DIN Rail |       |
| DLWIB 13    |        | EC430C8    | 300 x 220 x 180 |               |       |
| DLWIB 13/DR |        | EC430C8/DR | 300 x 220 x 180 | with DIN Rail |       |
| DLWIB 14    |        | 50106961   | 380 x 300 x 180 |               |       |

**Plastic Enclosures**

**Clear Deep Lid, CLDLWIB**

Deep lid, IP56/65, IK07, ABS thermoplastic, polycarbonate lid, temperature range -25°C - 85°C, glow wire test 650°C



CLDLWIB 12

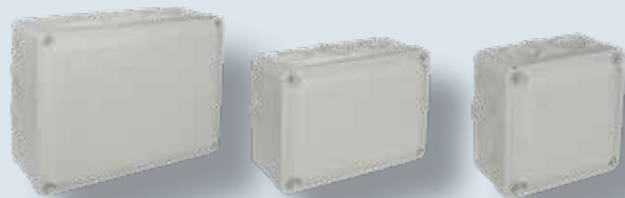
DLWIB 13

| Type       | Colour | Code     | Size (mm)       | Notes |
|------------|--------|----------|-----------------|-------|
| CLDLWIB 9  |        | EC440C5  | 150 x 110 x 140 |       |
| CLDLWIB 11 |        | 50106964 | 190 x 140 x 140 |       |
| CLDLWIB 12 |        | EC440C7  | 240 x 190 x 160 |       |
| CLDLWIB 13 |        | EC440C8  | 300 x 220 x 180 |       |
| CLDLWIB 14 |        | 50106966 | 380 x 300 x 180 |       |

Galvanised steel mounting plates available in various sizes.

**Smooth Sided Pre-cut Openings, WUB**

IP65, IK08, ABS thermoplastic enclosure, temperature range -25°C - 85°C, glow wire test 650°C, 8 x M25 pre-cut openings and quarter turn screws.



WUB 3

WUB 2

WUB 1

| Type  | Colour | Code  | Size (mm)      | Notes |
|-------|--------|-------|----------------|-------|
| WUB 1 |        | WUB1  | 100 x 100 x 55 |       |
| WUB 1 |        | WUB1  | 100 x 100 x 55 |       |
| WUB 2 |        | WUB2  | 160 x 120 x 71 |       |
| WUB 2 |        | WUB2B | 160 x 120 x 71 |       |
| WUB 4 |        | WUB4  | 230 x 180 x 88 |       |
| WUB 4 |        | WUB4B | 230 x 180 x 88 |       |

**PLASTIC CONSUMER UNITS**

**Plastic Consumer Units**

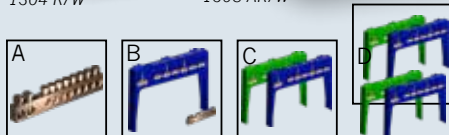
**Consumer Units for Auxiliary Buildings, INDUBOX**

IP65, polycarbonate, temperature range -5°C - 85°C, glow wire test 650°C, resistant to grease, oil and acids, smoke grey window. In accordance with EN 60439, complies with directive 2002/95/CE (RoHs).



1304 R/W

1308 AR/W



Continued...

| Type      | Colour | Code      | Size (mm)       | Modules | Terminal Type | Notes |
|-----------|--------|-----------|-----------------|---------|---------------|-------|
| 1303/W    |        | 1303/W    | 85 x 155 x 100  | 3       | A             |       |
| 1304 R/W  |        | 1304 R/W  | 120 x 200 x 115 | 4       | B             |       |
| 1306 BR/W |        | 1306 BR/W | 170 x 200 x 115 | 6       | B             |       |
| 1308 BR/W |        | 1308 BR/W | 215 x 200 x 115 | 8       | C             |       |
| 1308 AR/W |        | 1308 AR/W | 215 x 200 x 160 | 8       | C             |       |
| 1312 R/W  |        | 1312 R/W  | 270 x 250 x 160 | 12      | C             |       |
| 1322 R/W  |        | 1322 R/W  | 270 x 500 x 160 | 22      | D             |       |
| 1332 P-W  |        | 1332 P-W  | 362 x 500 x 160 | 32      | D             |       |
| 1336 R/W  |        | 1336 R/W  | 362 x 500 x 160 | 36      | D             |       |
| 1348 R/W  |        | 1348 R/W  | 500 x 363 x 160 | 48      | D             |       |

**Plastic Consumer Units**

**Consumer Unit Relocation, CUR**

IP65, IK07, ABS thermoplastic enclosure, temperature range -25°C - 85°C, glow wire test 650°C, plastic DIN Rail

Terminals:

- 2102-1201-Grey 2 Conductor DIN-rail terminal with Lever and Push-in up to 4mm
- 2102-1204-Blue 2 Conductor DIN-rail terminal with Lever and Push-in up to 4mm
- 2102-1207-Green/Yellow 2 Conductor DIN-rail terminal with Lever and Push-in up to 4mm
- 2102-1292-Orange Endplate for 2102
- 2110-1201-Grey 2 Conductor DIN-rail terminal with Lever and Push-in up to 16mm
- 2110-1204-Blue 2 Conductor DIN-rail terminal with Lever and Push-in up to 16mm
- 2110-1207-Green/Yellow 2 Conductor DIN-rail terminal with Lever and Push-in up to 16mm
- 2110-1292-Orange Endplate for 2110



886CUR



| Type | Colour | Code   | Size (mm)       | Notes |
|------|--------|--------|-----------------|-------|
| CUR  |        | 886CUR | 150 x 110 x 140 |       |

**Plastic Consumer Units**

**Sealed Distribution Enclosure**

IP65, polycarbonate, temperature range -25°C - 85°C, glow wire test 650°C, fast self-tapping stainless screws.



821

820

818 A

| Type   | Colour | Code  | Size (mm)       | Details             | Notes |
|--------|--------|-------|-----------------|---------------------|-------|
| 818 A  |        | 818A  | 215 x 200 x 140 | pre-insulated walls |       |
| 818 B  |        | 818B  | 215 x 200 x 95  | pre-insulated walls |       |
| 820    |        | 820   | 270 x 500 x 140 | smooth lid          |       |
| 820 PL |        | 820PL | 270 x 500 x 140 | metal key lock      |       |
| 821    |        | 821   | 362 x 500 x 140 | smooth lid          |       |
| 821PL  |        | 821PL | 362 x 500 x 140 | metal key lock      |       |



### Plastic Consumer Unit - Accessories KITS

Accessories and stands



KIT 1300 SOP



KIT 1300 ASA



KIT 1300 UN 32



KIT 1300 UN 40

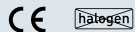
| Type           | Details                                                                                                                       | Notes |
|----------------|-------------------------------------------------------------------------------------------------------------------------------|-------|
| KIT 1300 SOP   | 4 external wall brackets including 4 fixing screws                                                                            |       |
| KIT 1300 UN 32 | 2 cable gland box links with sealant joint providing IP65 protection, allowing the passing of cables through the interior M32 |       |
| KIT 1300 UN 40 | 2 cable gland box links with sealant providing IP65 protection, allowing the passing of cables through the interior M40       |       |
| KIT 1300 ASA   | Handle with screws, washer, nut                                                                                               |       |
| Type           | Details                                                                                                                       | Notes |
| SOM-1311       | Metal stand valid for Type 820 and 1311                                                                                       |       |
| SOM-1316       | 820 PL - metal key lock                                                                                                       |       |

## PLASTIC DOOR ENCLOSURES

### Plastic Door Enclosures - Grey Door

WDB

IP65, ABS, temperature range -35°C - 65°C, external fixing brackets, mounting plate and locking key included.



WDB 8

WDB 6

WDB 3

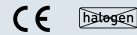
WDB 1

| Type  | Colour | Code     | Size (mm)       | Notes |
|-------|--------|----------|-----------------|-------|
| WDB 1 |        | 50107049 | 300 x 200 x 130 |       |
| WDB 2 |        | 50107050 | 350 x 250 x 150 |       |
| WDB 3 |        | 50107051 | 400 x 300 x 170 |       |
| WDB 4 |        | 50107052 | 400 x 300 x 220 |       |
| WDB 5 |        | 50107053 | 500 x 350 x 190 |       |
| WDB 6 |        | 50107054 | 500 x 400 x 240 |       |
| WDB 7 |        | 50107055 | 600 x 400 x 200 |       |
| WDB 8 |        | 50107063 | 700 x 500 x 250 |       |
| WDB 9 |        | 50107064 | 800 x 600 x 260 |       |

### Plastic Door Enclosures - Transparent Door

WDB T

IP65, ABS - door polycarbonate, temperature range -35°C - 65°C, external fixing brackets, mounting plate and locking key included.



WDB T8

WDB T6

WDB T3

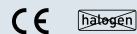
WDB T1

| Type   | Colour | Code     | Size (mm)       | Notes |
|--------|--------|----------|-----------------|-------|
| WDB T1 | Clear  | 50107056 | 300 x 200 x 130 |       |
| WDB T2 | Clear  | 50107057 | 350 x 250 x 150 |       |
| WDB T3 | Clear  | 50107058 | 400 x 300 x 170 |       |
| WDB T4 | Clear  | 50107059 | 400 x 300 x 220 |       |
| WDB T5 | Clear  | 50107060 | 500 x 350 x 190 |       |
| WDB T6 | Clear  | 50107061 | 500 x 400 x 240 |       |
| WDB T7 | Clear  | 50107062 | 600 x 400 x 200 |       |
| WDB T8 | Clear  | 50107065 | 700 x 500 x 250 |       |
| WDB T9 | Clear  | 50107066 | 800 x 600 x 260 |       |

### Plastic Door Enclosures - Modules

Module Kits

ABS, temperature range -35°C - 65°C.



WDB K1

WDB K2

WDB K3

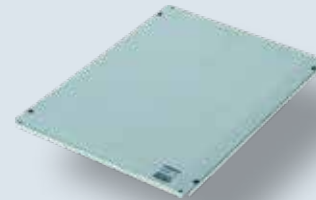
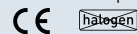
WDB K4

| Type   | Colour | Code     | Modules | Suitable for   | Notes |
|--------|--------|----------|---------|----------------|-------|
| WDB K1 |        | 50107076 | 18      | WDB 2 / WDB T2 |       |
| WDB K2 |        | 50107077 | 24      | WDB 3 / WDB T3 |       |
| WDB K3 |        | 50107078 | 45      | WDB 4 / WDB T4 |       |
| WDB K4 |        | 50107079 | 60      | WDB 7 / WDB T7 |       |

### Plastic Door Enclosures - Plates

Steel Plates

1mm Steel plates



WDB SP1

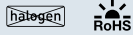
| Type    | Code     | Size (mm)       | Suitable for   | Notes |
|---------|----------|-----------------|----------------|-------|
| WDB SP1 | 50107067 | 300 x 200 x 130 | WDB 1 / WDB T1 |       |
| WDB SP2 | 50107068 | 350 x 250 x 150 | WDB 2 / WDB T2 |       |
| WDB SP3 | 50107069 | 400 x 300 x 170 | WDB 3 / WDB T3 |       |
| WDB SP4 | 50107070 | 400 x 300 x 220 | WDB 4 / WDB T4 |       |
| WDB SP5 | 50107071 | 500 x 350 x 190 | WDB 5 / WDB T5 |       |
| WDB SP6 | 50107072 | 500 x 400 x 240 | WDB 6 / WDB T6 |       |
| WDB SP7 | 50107073 | 600 x 400 x 200 | WDB 7 / WDB T7 |       |
| WDB SP8 | 50107074 | 700 x 500 x 250 | WDB 8 / WDB T8 |       |
| WDB SP9 | 50107075 | 800 x 600 x 260 | WDB 9 / WDB T9 |       |



# POLYESTER CABINETS

## Polyester Cabinets POLIBOX

IP66 polyester cabinet with door, UV resistant, impact resistance IK09, temperature range -25°C - 85°C, glow wire test 850°C, standards EN 62208, EN 60670-1



POLIBOX 5      POLIBOX 3      POLIBOX 1

| Type      | Colour | Code     | Size (mm)       | Notes |
|-----------|--------|----------|-----------------|-------|
| POLIBOX 1 |        | 50108494 | 250 x 300 x 160 |       |
| POLIBOX 2 |        | 50108495 | 300 x 400 x 200 |       |
| POLIBOX 3 |        | 50108496 | 400 x 500 x 200 |       |
| POLIBOX 4 |        | 50108497 | 500 x 600 x 250 |       |
| POLIBOX 5 |        | 50108498 | 600 x 800 x 300 |       |

## Polyester Cabinets POLIBOX - Polyester Back Plates

Polyester back plate for POLIBOX, 2mm tickness.



PPX253016

| Type      | Colour | Code      | Suitable for POLIBOX | Notes |
|-----------|--------|-----------|----------------------|-------|
| PPX253016 |        | PPX253016 | POLIBOX 1            |       |
| PPX304020 |        | PPX304020 | POLIBOX 2            |       |
| PPX405020 |        | PPX405020 | POLIBOX 3            |       |
| PPX506025 |        | PPX506025 | POLIBOX 4            |       |
| PPX608030 |        | PPX608030 | POLIBOX 5            |       |

## Polyester Cabinets POLIBOX - Metal Back Plates

Metal back plate for POLIBOX, 2mm tickness.



PMX253016

| Type      | Colour | Code      | Suitable for POLIBOX | Notes |
|-----------|--------|-----------|----------------------|-------|
| PMX253016 |        | PMX253016 | POLIBOX 1            |       |
| PMX304020 |        | PMX304020 | POLIBOX 2            |       |
| PMX405020 |        | PMX405020 | POLIBOX 3            |       |
| PMX506025 |        | PMX506025 | POLIBOX 4            |       |
| PMX608030 |        | PMX608030 | POLIBOX 5            |       |

# ALUMINIUM ENCLOSURES

## Aluminium Enclosures Standard and Deep Cover

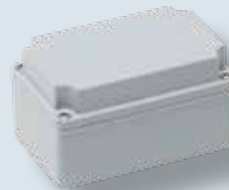
IP67, cast aluminium, powder coated, temperature range -40°C - 80°C, earthing on both cover and base, PU seal. Enclosures can be drilled and tapped to specific requirements.



402516      402506      402507

| Type   | Colour* | Code   | Size (mm)       | Notes |
|--------|---------|--------|-----------------|-------|
| 402502 |         | 402502 | 65 x 65 x 40    |       |
| 402503 |         | 402503 | 65 x 100 x 40   |       |
| 402504 |         | 402504 | 80 x 80 x 60    |       |
| 402505 |         | 402505 | 80 x 130 x 60   |       |
| 402506 |         | 402506 | 100 x 100 x 73  |       |
| 402556 |         | 402556 | 100 x 100 x 90  |       |
| 402508 |         | 402508 | 100 x 130 x 73  |       |
| 402507 |         | 402507 | 80 x 170 x 60   |       |
| 402510 |         | 402510 | 80 x 170 x 73   |       |
| 402509 |         | 402509 | 80 x 230 x 73   |       |
| 402511 |         | 402511 | 130 x 130 x 90  |       |
| 402560 |         | 402560 | 100 x 200 x 80  |       |
| 402512 |         | 402512 | 130 x 190 x 90  |       |
| 402562 |         | 402562 | 120 x 220 x 90  |       |
| 402514 |         | 402514 | 130 x 230 x 90  |       |
| 402516 |         | 402516 | 160 x 160 x 90  |       |
| 402517 |         | 402517 | 160 x 260 x 90  |       |
| 402540 |         | 402540 | 180 x 180 x 100 |       |
| 402518 |         | 402518 | 170 x 190 x 90  |       |
| 402520 |         | 402520 | 190 x 250 x 90  |       |
| 402542 |         | 402542 | 180 x 280 x 100 |       |
| 402521 |         | 402521 | 190 x 250 x 110 |       |
| 402522 |         | 402522 | 190 x 350 x 90  |       |
| 402524 |         | 402524 | 250 x 250 x 110 |       |
| 402530 |         | 402530 | 310 x 400 x 140 |       |

\*Powder coating in different colours to specific requirements.



402555

| Type   | Colour* | Code   | Size (mm)     | Details    | Notes |
|--------|---------|--------|---------------|------------|-------|
| 402554 |         | 402554 | 80 x 80 x 73  | Deep cover |       |
| 402555 |         | 402555 | 80 x 130 x 73 | Deep cover |       |

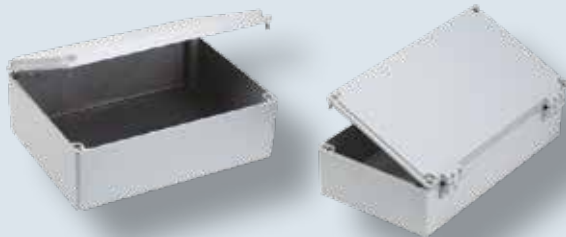
\*Powder coating in different colours to specific requirements.

### Aluminium Enclosures

#### With Hinge

IP67, cast aluminium, temperature range -40°C - 80°C, earthing on both cover and base, PU seal with hinge.

Enclosures can be drilled and tapped to specific requirements.



| Type    | Colour* | Code    | Size (mm)       | Notes |
|---------|---------|---------|-----------------|-------|
| 402517H |         | 402517H | 160 x 260 x 90  |       |
| 402520H |         | 402520H | 190 x 250 x 90  |       |
| 402521H |         | 402521H | 190 x 250 x 110 |       |
| 402522H |         | 402522H | 190 x 350 x 90  |       |
| 402524H |         | 402524H | 250 x 250 x 110 |       |
| 402530H |         | 402530H | 310 x 400 x 140 |       |

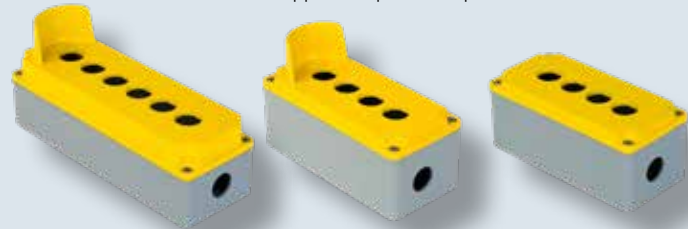
\*Powder coating in different colours to specific requirements.

### Aluminium Enclosures

#### Push Button - Yellow/Grey Finish

IP67, cast aluminium, temperature range -40°C - 80°C, earthing on both cover and base, PU seal with hinge.

Enclosures can be drilled and tapped to specific requirements.



402636

402626

402621

| Type   | Colour* | Code   | Size (mm)     | Guard | Notes |
|--------|---------|--------|---------------|-------|-------|
| 402600 |         | 402600 | 80 x 80 x 73  | No    |       |
| 402610 |         | 402610 | 80 x 130 x 73 | No    |       |
| 402620 |         | 402620 | 80 x 170 x 73 | No    |       |
| 402621 |         | 402621 | 80 x 170 x 73 | No    |       |
| 402630 |         | 402630 | 80 x 230 x 73 | No    |       |
| 402631 |         | 402631 | 80 x 230 x 73 | No    |       |
| 402605 |         | 402605 | 80 x 80 x 73  | Yes   |       |
| 402615 |         | 402615 | 80 x 130 x 73 | Yes   |       |
| 402625 |         | 402625 | 80 x 170 x 73 | Yes   |       |
| 402626 |         | 402626 | 80 x 170 x 73 | Yes   |       |
| 402635 |         | 402635 | 80 x 230 x 73 | Yes   |       |
| 402636 |         | 402636 | 80 x 230 x 73 | Yes   |       |

\*Powder coating in different colours to specific requirements.







**Junction Boxes & Gel**

BRACE SYSTEM

JOINTS

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

JUNCTION BOXES

LIGHTING

TECHNICAL DATA



# COMBI SERIES

## COMBI Series COMBI 108

IP66, material polypropylene, gasket TPE, 400V , 32A, glow wire test 750°C, temperature range -30°C - 100°C  
12 x membrane entries, cable diameter 3 - 14mm



COMBI 108



| Type            | Colour | Code                                             | Size (mm) (LxWxH) | Terminal Type       | Notes |
|-----------------|--------|--------------------------------------------------|-------------------|---------------------|-------|
| COMBI 108/empty |        | 10060522                                         | 76 x 76 x 51      | None                |       |
| COMBI 108/empty |        | 10061999                                         | 76 x 76 x 51      | None                |       |
| COMBI 108/empty |        | 10060622                                         | 76 x 76 x 51      | None                |       |
| COMBI 108/5     |        | DISCONTINUED Please Use COMBI 108/221 (10111272) |                   |                     |       |
| COMBI 108/5     |        | DISCONTINUED Please Use COMBI 108/221 (10111273) |                   |                     |       |
| COMBI 108/5     |        | DISCONTINUED Please Use COMBI 108/221 (10111274) |                   |                     |       |
| COMBI 108/221   |        | 10111272                                         | 76 x 76 x 51      | 3 x 3-pole WAGO 221 |       |
| COMBI 108/221   |        | 10111273                                         | 76 x 76 x 51      | 3 x 3-pole WAGO 221 |       |
| COMBI 108/221   |        | 10111274                                         | 76 x 76 x 51      | 3 x 3-pole WAGO 221 |       |

## COMBI Series COMBI 116

IP66, material polypropylene, gasket TPE, 400V , 32A  
18 x membrane entries, cable diameter 3 - 14mm



COMBI 116



| Type            | Colour | Code     | Size (mm) (LxWxH) | Terminal Type       | Notes |
|-----------------|--------|----------|-------------------|---------------------|-------|
| COMBI 116/empty |        | 10109563 | 152 x 76 x 51     | None                |       |
| COMBI 116/empty |        | 10109565 | 152 x 76 x 51     | None                |       |
| COMBI 116/empty |        | 10109567 | 152 x 76 x 51     | None                |       |
| COMBI 116/221   |        | 10110032 | 152 x 76 x 51     | 3 x 3-pole WAGO 221 |       |
| COMBI 116/221   |        | 10110031 | 152 x 76 x 51     | 3 x 3-pole WAGO 221 |       |
| COMBI 116/221   |        | 10110033 | 152 x 76 x 51     | 3 x 3-pole WAGO 221 |       |

## COMBI Series

### COMBI 206

IP66 / IP67, material polypropylene, gasket TPE, 400V , 32A, glow wire test 750°C, temperature range -30°C - 100°C  
6 x M20 membrane threaded entries, cable diameter 3 - 12mm



COMBI 206

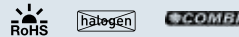


| Type            | Colour | Code     | Size (mm) (LxWxH) | Terminal Type       | Notes |
|-----------------|--------|----------|-------------------|---------------------|-------|
| COMBI 206/empty |        | 10109569 | 85 x 49 x 51      | None                |       |
| COMBI 206/empty |        | 10109571 | 85 x 49 x 51      | None                |       |
| COMBI 206/empty |        | 10109573 | 85 x 49 x 51      | None                |       |
| COMBI 206/221   |        | 10109901 | 85 x 49 x 51      | 3 x 3-pole WAGO 221 |       |
| COMBI 206/221   |        | 10109900 | 85 x 49 x 51      | 3 x 3-pole WAGO 221 |       |
| COMBI 206/221   |        | 10109902 | 85 x 49 x 51      | 3 x 3-pole WAGO 221 |       |

## COMBI Series

### COMBI 304

IP66 / IP67, material polypropylene, gasket TPE, 400V , 32A, glow wire test 750°C, temperature range -30°C - 100°C, flat lid with bayonet cap (quarter turn screw), mounted using external lugs  
4 x M20 threaded membrane entries, cable diameter 3 - 12mm



COMBI 304



| Type            | Colour | Code     | Size (mm) (LxWxH) | Terminal Type       | Notes |
|-----------------|--------|----------|-------------------|---------------------|-------|
| COMBI 304/empty |        | 10110629 | Ø 82 x 57mm       | None                |       |
| COMBI 304/empty |        | 10110630 | Ø 82 x 57mm       | None                |       |
| COMBI 304/empty |        | 10110631 | Ø 82 x 57mm       | None                |       |
| COMBI 304/221   |        | 10110635 | Ø 82 x 57mm       | 3 x 3-pole WAGO 221 |       |
| COMBI 304/221   |        | 10110636 | Ø 82 x 57mm       | 3 x 3-pole WAGO 221 |       |
| COMBI 304/221   |        | 10110637 | Ø 82 x 57mm       | 3 x 3-pole WAGO 221 |       |

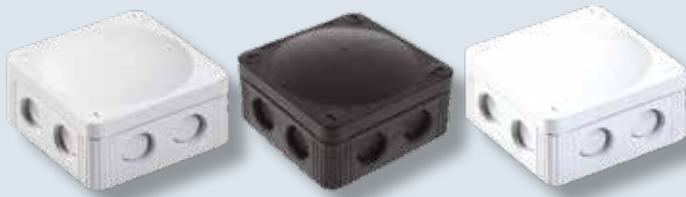
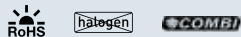


COMBI 304 Switch

| Type             | Colour | Code     | Size (mm) (LxWxH) | Amp | Switch         | Notes |
|------------------|--------|----------|-------------------|-----|----------------|-------|
| COMBI 304 Switch |        | 10111001 | Ø 82 x 57mm       | 10  | On-Off, 2-Pole |       |
| COMBI 304 Switch |        | 10110647 | Ø 82 x 57mm       | 10  | On-Off, 2-Pole |       |

**COMBI Series**  
**COMBI 308**

IP66 / IP67, material polypropylene, gasket TPE, 400V , 32A, glow wire test 750°C, temperature range -30°C · 100°C  
8 x M20 threaded membrane entries, cable diameter 3 - 12mm



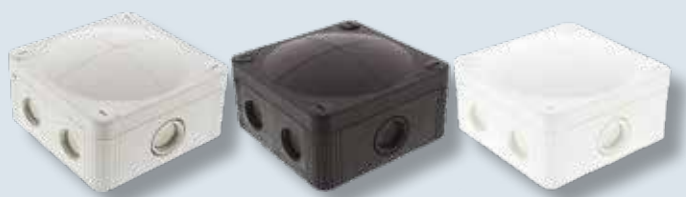
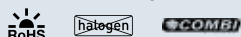
COMBI 308



| Type            | Colour | Code     | Size (mm) (LxWxH) | Terminal Type       | Notes |
|-----------------|--------|----------|-------------------|---------------------|-------|
| COMBI 308/empty |        | 10060400 | 85 x 85 x 51      | None                |       |
| COMBI 308/empty |        | 10060581 | 85 x 85 x 51      | None                |       |
| COMBI 308/empty |        | 10060610 | 85 x 85 x 51      | None                |       |
| COMBI 308/5     |        | 10060401 | 85 x 85 x 51      | 5-pole              |       |
| COMBI 308/5     |        | 10060580 | 85 x 85 x 51      | 5-pole              |       |
| COMBI 308/5     |        | 10060611 | 85 x 85 x 51      | 5-pole              |       |
| COMBI 308/221   |        | 10110403 | 85 x 85 x 51      | 3 x 3-pole WAGO 221 |       |
| COMBI 308/221   |        | 10110404 | 85 x 85 x 51      | 3 x 3-pole WAGO 221 |       |
| COMBI 308/221   |        | 10110405 | 85 x 85 x 51      | 3 x 3-pole WAGO 221 |       |

**COMBI Series**  
**COMBI 407**

IP66 / IP67, material polypropylene, gasket TPE, 750V , 32A, glow wire test 750°C, temperature range -30°C · 100°C  
7 x M20 threaded membrane entries / 1 x M25 knockout, cable diameter 3 - 12mm



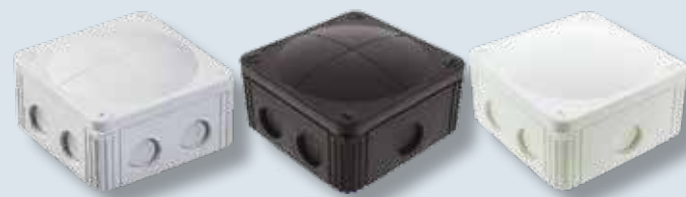
COMBI 407



| Type             | Colour | Code                                             | Size (mm) (LxWxH) | Terminal Type       | Notes |
|------------------|--------|--------------------------------------------------|-------------------|---------------------|-------|
| COMBI 407/empty  |        | 10105595                                         | 95 x 95 x 60      | None                |       |
| COMBI 407/empty  |        | 10105601                                         | 95 x 95 x 60      | None                |       |
| COMBI 407/empty  |        | 10105598                                         | 95 x 95 x 60      | None                |       |
| COMBI 407/5      |        | DISCONTINUED Please Use COMBI 407/221 (10109674) |                   |                     |       |
| COMBI 407/5      |        | DISCONTINUED Please Use COMBI 407/221 (10109673) |                   |                     |       |
| COMBI 407/5      |        | DISCONTINUED Please Use COMBI 407/221 (10106975) |                   |                     |       |
| COMBI 407/221    |        | 10109674                                         | 95 x 95 x 60      | 3 x 3-pole WAGO 221 |       |
| COMBI 407/221    |        | 10109673                                         | 95 x 95 x 60      | 3 x 3-pole WAGO 221 |       |
| COMBI 407/221    |        | 10109675                                         | 95 x 95 x 60      | 3 x 3-pole WAGO 221 |       |
| COMBI 407/4SDKF5 |        | 10106191                                         | 95 x 95 x 60      | 4 x SDKF            |       |
| COMBI 407/4SDKF5 |        | 10106192                                         | 95 x 95 x 60      | 4 x SDKF            |       |
| COMBI 407/4SDKF5 |        | 10106193                                         | 95 x 95 x 60      | 4 x SDKF            |       |

**COMBI Series**  
**COMBI 607**

IP66 / IP67, material polypropylene, gasket TPE, 690V , 41A, glow wire test 750°C, temperature range -30°C · 100°C  
7 x M25 threaded membrane entries, cable diameter 3 - 17mm



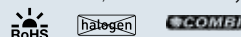
COMBI 607



| Type              | Colour | Code     | Size (mm) (LxWxH) | Terminal Type           | Notes |
|-------------------|--------|----------|-------------------|-------------------------|-------|
| COMBI 607/empty   |        | 10060531 | 110 x 110 x 66    | None                    |       |
| COMBI 607/empty   |        | 10060648 | 110 x 110 x 66    | None                    |       |
| COMBI 607/empty   |        | 10060533 | 110 x 110 x 66    | None                    |       |
| COMBI 607/5       |        | 10061778 | 110 x 110 x 66    | 5-pole                  |       |
| COMBI 607/5       |        | 10061779 | 110 x 110 x 66    | 5-pole                  |       |
| COMBI 607/5       |        | 10110092 | 110 x 110 x 66    | 5-pole                  |       |
| COMBI 607/221-613 |        | 10110871 | 110 x 110 x 66    | 3 x 3-pole WAGO 221-613 |       |
| COMBI 607/221-613 |        | 10110872 | 110 x 110 x 66    | 3 x 3-pole WAGO 221-613 |       |
| COMBI 607/221-613 |        | 10110873 | 110 x 110 x 66    | 3 x 3-pole WAGO 221-613 |       |

**COMBI Series**  
**COMBI 1010**

IP66 / IP67, material polypropylene, gasket TPE, 690V , 57A, glow wire test 750°C, temperature range -30°C · 100°C  
10 x knockouts ( 5 x M25, 2 x M20, 3 x M20/M25), 4 x rear knockouts (2 x M20/M25, 2 x M25/M32), cable diameter 6 - 21mm



COMBI 1010

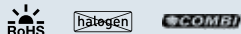


| Type             | Colour | Code     | Size (mm) (LxWxH) | Terminal Type | Notes |
|------------------|--------|----------|-------------------|---------------|-------|
| COMBI 1010/empty |        | 10060702 | 140 x 140 x 82    | None          |       |
| COMBI 1010/empty |        | 10062214 | 140 x 140 x 82    | None          |       |
| COMBI 1010/empty |        | 10062210 | 140 x 140 x 82    | None          |       |
| COMBI 1010/5     |        | 10060703 | 140 x 140 x 82    | 5-pole        |       |
| COMBI 1010/5     |        | 10062215 | 140 x 140 x 82    | 5-pole        |       |
| COMBI 1010/5     |        | 10062211 | 140 x 140 x 82    | 5-pole        |       |

### COMBI Series

#### COMBI 1210

IP66 / IP67, material polypropylene, gasket TPE, 690V, 57A, glow wire test 750°C, temperature range -30°C - 100°C  
10 x M20 threaded membrane entries / M25 knockouts, cable diameter 3 - 12mm



COMBI 1210

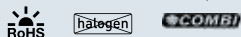


| Type             | Colour | Code     | Size (mm) (LxWxH) | Terminal Type | Notes |
|------------------|--------|----------|-------------------|---------------|-------|
| COMBI 1210/empty |        | 10101459 | 160 x 140 x 81    | None          |       |
| COMBI 1210/empty |        | 10101460 | 160 x 140 x 81    | None          |       |
| COMBI 1210/empty |        | 10101461 | 160 x 140 x 81    | None          |       |
| COMBI 1210/5     |        | 10101462 | 160 x 140 x 81    | 5-pole        |       |
| COMBI 1210/5     |        | 10101463 | 160 x 140 x 81    | 5-pole        |       |
| COMBI 1210/5     |        | 10101464 | 160 x 140 x 81    | 5-pole        |       |

### COMBI Series

#### COMBI 1610

IP66 / IP67, material polycarbonate, gasket TPE, 690V, 57A, glow wire test 960°C, temperature range -30°C - 100°C  
11 knockouts 2 x M20, 7 x M32 / M25, 2 x M40 / M32



COMBI 1610



| Type             | Colour | Code     | Size (mm) (LxWxH) | Terminal Type            | Notes |
|------------------|--------|----------|-------------------|--------------------------|-------|
| COMBI 1610/empty |        | 10110735 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/empty |        | 10110739 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/empty |        | 10110743 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/3     |        | 10110736 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |
| COMBI 1610/3     |        | 10110740 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |
| COMBI 1610/3     |        | 10110744 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |



COMBI 1610 Clear Lid

| Type               | Colour | Code     | Size (mm) (LxWxH) | Terminal Type            | Notes |
|--------------------|--------|----------|-------------------|--------------------------|-------|
| COMBI 1610/clear   |        | 10110737 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/clear   |        | 10110741 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/clear   |        | 10110745 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/clear/3 |        | 10110738 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |
| COMBI 1610/clear/3 |        | 10110742 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |
| COMBI 1610/clear/3 |        | 10110746 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |



COMBI 1610 Plain Sided

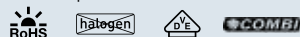
| Type                          | Colour | Code     | Size (mm) (LxWxH) | Terminal Type            | Notes |
|-------------------------------|--------|----------|-------------------|--------------------------|-------|
| COMBI 1610/plain              |        | 10111113 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/plain              |        | 10111117 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/plain              |        | 10111121 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/plain/3            |        | 10111114 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |
| COMBI 1610/plain/3            |        | 10111118 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |
| COMBI 1610/plain/3            |        | 10111122 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |
| COMBI 1610/plain/ clear lid   |        | 10111115 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/plain/ clear lid   |        | 10111119 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/plain/ clear lid   |        | 10111123 | 200 x 160 x 94    | None                     |       |
| COMBI 1610/plain/ clear lid/3 |        | 10111116 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |
| COMBI 1610/plain/ clear lid/3 |        | 10111120 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |
| COMBI 1610/plain/ clear lid/3 |        | 10111124 | 200 x 160 x 94    | 3-pole 16mm <sup>2</sup> |       |

## COMBI IP68 SET

### COMBI IP68 Set

#### COMBI IP68 Insulating Gel Kit

IP68, COMBI junction box complete with MPGel (silicone insulating gel) and stop end.



COMBI IP68 Set



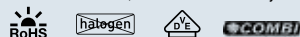
| Type                   | Colour | Code    | Size (mm) (LxWxH) | Terminal Type       | Notes |
|------------------------|--------|---------|-------------------|---------------------|-------|
| COMBI IP68 Set 308/5   |        | E66634  | 85 x 85 x 51      | 5-pole              |       |
| COMBI IP68 Set 308/5   |        | E66634B | 85 x 85 x 51      | 5-pole              |       |
| COMBI IP68 Set 407/221 |        | E66637  | 95 x 95 x 60      | 3 x 3-pole WAGO 221 |       |
| COMBI IP68 Set 407/221 |        | E66637B | 95 x 95 x 60      | 3 x 3-pole WAGO 221 |       |
| COMBI IP68 Set 607/5   |        | E66635  | 110 x 110 x 66    | 5-pole              |       |
| COMBI IP68 Set 607/5   |        | E66635B | 110 x 110 x 66    | 5-pole              |       |
| COMBI IP68 Set 1010/5  |        | E66636  | 140 x 140 x 82    | 5-pole              |       |
| COMBI IP68 Set 1010/5  |        | E66636B | 140 x 140 x 82    | 5-pole              |       |

## COMBI EARTHING SOLUTIONS

### COMBI Earthing Solutions

#### COMBI Junction Box with Earth Bar, A.C.E COMBI Kit

IP666 / IP67, COMBI 308/5 junction box complete with EC308



A.C.E COMBI Kit



| Type                  | Colour | Code       | Size (mm) (LxWxH) | Terminal Type | Notes |
|-----------------------|--------|------------|-------------------|---------------|-------|
| COMBI A.C.E Kit 308/5 |        | 308/5/EC/G | 85 x 85 x 51      | 5-pole        |       |
| COMBI A.C.E Kit 308/5 |        | 308/5/EC/B | 85 x 85 x 51      | 5-pole        |       |
| COMBI A.C.E Kit 308/5 |        | 308/5/EC/W | 85 x 85 x 51      | 5-pole        |       |

**COMBI Earthing Solutions**

**COMBI Earth Bar, EC**

Material brass, earthing bars for COMBI junction boxes



EC 308



EC 206



| Type     | Colour | Code     | Suitable for COMBI | Size                 | Notes |
|----------|--------|----------|--------------------|----------------------|-------|
| EC 206   | Brass  | EC206    | COMBI 206          | 1 x M20              |       |
| EC 308   | Brass  | EC308    | COMBI 308          | 2 x M20              |       |
| EC 407   | Brass  | 10105647 | COMBI 407          | 2 x M20 / 1 x M20/25 |       |
| EC 407/1 | Brass  | 10109000 | COMBI 407          | 2 x M20              |       |
| EC 607   | Brass  | EC607    | COMBI 607          | 1 x M25              |       |
| EC 1010  | Brass  | 10104903 | COMBI 1010         | 3 x M20/M25          |       |
| EC 1210  | Brass  | 10101476 | COMBI 1210         | 2 x M20 / 3 x M20    |       |

**COMBI Earthing Solutions**

**COMBI Earth Nut, COMBI E-Nut**

Material brass, earthing nuts (single) for COMBI junction boxes, with earthing lead, sold in packs of 5



COMBI E-Nut



| Type            | Colour | Code    | Size    | Pack Qty | Notes |
|-----------------|--------|---------|---------|----------|-------|
| COMBI E-Nut M20 | Brass  | E-NUT20 | 1 x M20 | 5        |       |
| COMBI E-Nut M25 | Brass  | E-NUT25 | 1 x M25 | 5        |       |

**COMBI Earthing Solutions**

**COMBI Earth Spring, COMBI E-Spring**

Material brass-nickel plated, earth spring (single) for COMBI junction boxes. with earth lead, sold in packs of 5



COMBI E-Spring



| Type               | Colour | Code       | Size    | Pack Qty | Notes |
|--------------------|--------|------------|---------|----------|-------|
| COMBI E-Spring M20 | Steel  | E-SPRING20 | 1 x M20 | 5        |       |
| COMBI E-Spring M25 | Steel  | E-SPRING25 | 1 x M25 | 5        |       |

**COMBI Earthing Solutions**

**Earthing Nut, EN**

Material brass, earthing nuts (single)



EN



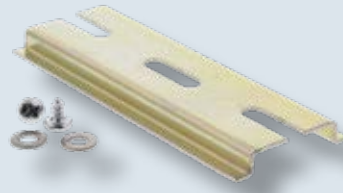
| Type  | Colour | Code | Qty | Size (mm) | Notes |
|-------|--------|------|-----|-----------|-------|
| EN 20 | Brass  | EN20 | 6   | 1 x M20   |       |
| EN 25 | Brass  | EN25 | 4   | 1 x M25   |       |
| EN 32 | Brass  | EN32 | 4   | 1 x M32   |       |
| EN 40 | Brass  | EN40 | 2   | 1 x M40   |       |
| EN 50 | Brass  | EN50 | 2   | 1 x M50   |       |
| EN 63 | Brass  | EN63 | 1   | 1 x M63   |       |

**COMBI DIN RAIL KITS**

**COMBI DIN Rail Kits**

**DIN Rail Kit for COMBI Junction Boxes**

Material brass



DIN Rail Kit

| Type                 | Colour | Code     | Suitable for COMBI | Notes |
|----------------------|--------|----------|--------------------|-------|
| DIN Rail Kit 108/308 | Steel  | 10060362 | COMBI 108 and 308  |       |
| DIN Rail Kit 607     | Steel  | 10060361 | COMBI 607          |       |
| DIN Rail Kit 1010    | Steel  | 10060363 | COMBI 1010         |       |
| DIN Rail Kit 1210    | Steel  | 10101478 | COMBI 1210         |       |

**COMBI EXTERNAL MOUNTING**

**COMBI External Mounting**

**Polyamide External Mounting Kit**

Material polyamide, temperature range -30°C - 100°C



External Mounting Kit

| Type                        | Colour | Code     | Suitable for COMBI                 | Notes |
|-----------------------------|--------|----------|------------------------------------|-------|
| COMBI External Mounting Kit |        | 10108836 | COMBI 308, 407, 607, 1010 and 1210 |       |

**COMBI Mounting Plates**

**Steel Mounting Plates**

Material galvanised steel



Steel Mounting Plates

| Type     | Colour | Code     | Suitable for COMBI               | Size (mm)       | Notes |
|----------|--------|----------|----------------------------------|-----------------|-------|
| MP Small | Steel  | 10105774 | COMBI 108, 206, 308, 407 and WHK | 160 x 76x 9.4   |       |
| MP Large | Steel  | 10105775 | All COMBI and WHK                | 241 x 181 x 9.7 |       |



# CONNECTORS

## Connectors

### COMBI WAGO 221 Terminal Holder

COMBI WAGO terminal holder for WAGO 221 lever connectors, suitable for 2-pole, 3-pole and 5-pole WAGO 221 lever connectors, available with and without connectors.



COMBI WAGO Holder Empty

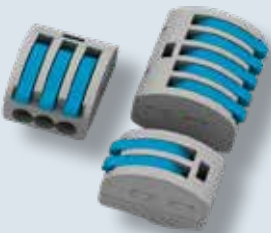
COMBI WAGO Holder with Terminals

| Type                                 | Colour | Code     | Suitable for COMBI                                  | Terminals           | Notes |
|--------------------------------------|--------|----------|-----------------------------------------------------|---------------------|-------|
| COMBI WAGO 221 Holder Empty          |        | 22001115 | COMBI 108, 116, 308, 304, 407, 607*, 1010* and 1210 | None                |       |
| COMBI WAGO 221 Holder with Terminals |        | 22001114 | COMBI 108, 116, 308, 304, 407, 607*, 1010* and 1210 | 3 x WAGO 221 3-pole |       |

## Connectors

### Lever Connectors, SBOX

32A, 600V, lever release, clamping range 0.2 - 4mm<sup>2</sup>, temperature range -20°C - 90°C, sold in boxes of 20, 50 or 100, solid / rigid / flexible



SBOX

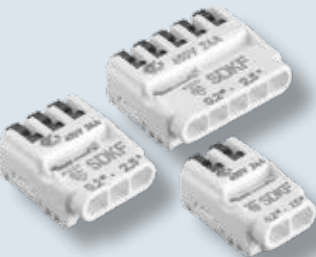
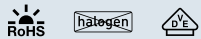


| Type   | Colour | Code      | Terminals / Poles | Qty | Notes |
|--------|--------|-----------|-------------------|-----|-------|
| SBOX 2 |        | SBOX2/20  | 2-pole            | 20  |       |
| SBOX 2 |        | SBOX2/50  | 2-pole            | 50  |       |
| SBOX 2 |        | SBOX2/100 | 2-pole            | 100 |       |
| SBOX 3 |        | SBOX3/20  | 3-pole            | 20  |       |
| SBOX 3 |        | SBOX3/50  | 3-pole            | 50  |       |
| SBOX 3 |        | SBOX3/100 | 3-pole            | 100 |       |
| SBOX 5 |        | SBOX5/20  | 5-pole            | 20  |       |
| SBOX 5 |        | SBOX5/50  | 5-pole            | 50  |       |
| SBOX 5 |        | SBOX5/100 | 5-pole            | 100 |       |

## Connectors

### Universal Loop Connectors, SDKF

24A, 450V, lever release, clamping range 0.2 - 2.5mm<sup>2</sup>, sold in boxes of 20, 50 or 100, solid / rigid / flexible



SDKF

| Type   | Colour | Code  | Terminals / Poles | Notes |
|--------|--------|-------|-------------------|-------|
| SDKF 2 |        | SDKF2 | 2-pole            |       |
| SDKF 3 |        | SDKF3 | 3-pole            |       |
| SDKF 5 |        | SDKF5 | 5-pole            |       |

# INSTALLATION BOXES - KA SERIES

## Installation Boxes - KA Series

### KA Series - KA 006

IP55, material polyethylene / polypropylene, 400V, glow wire test 750°C, temperature range -30°C - 60°C, cable diameter 7 - 12mm



KA 006



| Type          | Colour | Code     | Number of Entries | Size (mm) (LxWxH) | Notes |
|---------------|--------|----------|-------------------|-------------------|-------|
| KA 006/empty  |        | 10109426 | 12                | 86 x 44 x 41      |       |
| KA 006/empty  |        | 10109578 | 12                | 86 x 44 x 41      |       |
| KA 006/empty  |        | 10109580 | 12                | 86 x 44 x 41      |       |
| KA 006/empty  |        | 10109582 | 12                | 86 x 44 x 41      |       |
| KA 006/empty  |        | 10109584 | 12                | 86 x 44 x 41      |       |
| KA 006/3xZER* |        | 10110195 | 12                | 86 x 44 x 41      |       |

\*ZER - strain relief ring 4-12mm. Suitable for Twin and Earth

## Installation Boxes - KA Series

### KA Series - KA 012

IP55, material polyethylene / polypropylene, 400V, glow wire test 750°C, temperature range -30°C - 60°C cable diameter 7 - 12mm



KA 012



| Type          | Colour | Code     | Number of Entries | Size (mm) (LxWxH) | Notes |
|---------------|--------|----------|-------------------|-------------------|-------|
| KA 012/empty  |        | 10109427 | 16                | 86 x 86 x 41      |       |
| KA 012/empty  |        | 10109587 | 16                | 86 x 86 x 41      |       |
| KA 012/empty  |        | 10109589 | 16                | 86 x 86 x 41      |       |
| KA 012/empty  |        | 10109591 | 16                | 86 x 86 x 41      |       |
| KA 012/empty  |        | 10109593 | 16                | 86 x 86 x 41      |       |
| KA 012/3xZER* |        | 10110196 | 16                | 86 x 86 x 41      |       |

\*ZER - strain relief ring 4-12mm. Suitable for Twin and Earth

## Installation Boxes - KA Series

### KA Series - KA 016

IP55, material polyethylene / polypropylene, 400V, glow wire test 750°C, temperature range -30°C - 60°C cable diameter 7 - 12mm



KA 016



| Type          | Colour | Code     | Number of Entries | Size (mm) (LxWxH) | Notes |
|---------------|--------|----------|-------------------|-------------------|-------|
| KA 016/empty  |        | 10109428 | 18                | 125 x 96 x 40     |       |
| KA 016/empty  |        | 10109596 | 18                | 125 x 96 x 40     |       |
| KA 016/empty  |        | 10109598 | 18                | 125 x 96 x 40     |       |
| KA 016/empty  |        | 10109600 | 18                | 125 x 96 x 40     |       |
| KA 016/empty  |        | 10109602 | 18                | 125 x 96 x 40     |       |
| KA 016/5xZER* |        | 10110197 | 18                | 125 x 96 x 40     |       |

\*ZER - strain relief ring 4-12mm. Suitable for Twin and Earth

BRACE SYSTEM  
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## STRAIN RELIEF RINGS

### Strain Relief Rings

#### Cable Retention Ring, ZER

Strain relief, material PC and ABS blend, V0, temperature range -30°C - 100°C, suitable for twin and earth, sold in packs of 10, can be used with: COMBI 108, COMBI 116 and all KA Series



ZER



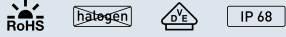
| Type      | Colour | Code     | Clamping Range (mm) | Notes |
|-----------|--------|----------|---------------------|-------|
| ZER 4-12  |        | 10109800 | 4 - 12              |       |
| ZER 11-18 |        | 10110766 | 11 - 18             |       |

## JOINTING SLEEVES

### Jointing Sleeves

#### SKV

IP68 (5 bar 30 min), material polystyrole, flame-retardant, clamping unit polyamide, glow wire test 750°C, temperature range -25°C - 60°C



SKV

| Type       | Colour | Code     | Length (mm) | Amp | Terminal (mm <sup>2</sup> ) | Clamping Range (mm) | Notes |
|------------|--------|----------|-------------|-----|-----------------------------|---------------------|-------|
| 788/SKV 16 |        | 10061462 | 134         | 24  | 5 x 2.5                     | 4 - 12              |       |
| 788/SKV 16 |        | 10110987 | 134         | 24  | 5 x 2.5                     | 4 - 12              |       |
| 788/SKV 21 |        | 10061436 | 165         | 41  | 5 x 6                       | 11 - 18             |       |

## CONNECTION BOX

### Connection Box

#### Connection Box

Material polypropylene, 30A



Connection Box



| Type           | Colour | Code  | Size (mm) (LxWxH) | Notes |
|----------------|--------|-------|-------------------|-------|
| Connection Box | Clear  | 99991 | 96 x 56 x 25      |       |

## PLUG-IN INSTALLATION

### Plug-in Installation

#### Plug-in Solution, WHK

IP20, material polypropylene, 400V, temperature range -20°C - 60°C



WHK

| Type      | Colour | Code     | Description   | Suitable for Cable Size (mm) | Size (mm) (LxWxH) | Notes |
|-----------|--------|----------|---------------|------------------------------|-------------------|-------|
| WHK 608S  |        | 10105992 | Empty         | 5 - 13                       | 108 x 98 x 72     |       |
| WHK 608A  |        | 10105991 | Smooth top    | 5 - 13                       | 108 x 98 x 72     |       |
| WHK 608SD |        | WHK608SD | With Sockets* | 5 - 13                       | 108 x 98 x 72     |       |

\*7 x built in AC166 GEBU, 3-pole black VSE+, 1 x built in socket AC166 GEBU, 4-pole black VSE, wired, other variations are available please contact us for more details

## JUNCTION BOX FILLERS

### Gel - Junction Box Fillers

#### MP One - Twist and Go (COMBI Gel Shot)

Protection against rain, humidity, dust and intrusion.

Silicone gel, no expiry date, re-enterable, twist lid to release activation gel into the rest of the bottle, shake the bottle for 15 seconds then pour.

Dielectric strength: 25.5 kV/mm

Shaking time: 15 seconds

Curing time: 8 min (at 23°C)



MP One



| Type       | Colour | Code  | Size  | Notes |
|------------|--------|-------|-------|-------|
| MP One 300 |        | MP103 | 300ml |       |
| MP One 600 |        | MP106 | 600ml |       |
| MP One 900 |        | MP109 | 900ml |       |

### Gel - Junction Box Fillers

#### MP Gel - Classic Gel

Protection against rain, humidity, dust and intrusion.

Silicone gel, no expiry date, re-enterable, 2 part mix (1:1 mixing ratio)

Dielectric strength: 25.5 kV/mm

Mixing time: 5 mins (at 23°C)

Curing time: 12 min (at 23°C)



MP Gel



| Type          | Colour | Code        | Size      | Notes |
|---------------|--------|-------------|-----------|-------|
| MP Gel 170ml  |        | MPSG170W    | 170ml     |       |
| MP Gel 240ml  |        | MPSG240W    | 240ml     |       |
| MP Gel 300ml  |        | MP0030W     | 300ml     |       |
| MP Gel 420ml  |        | MPSG420W    | 420ml     |       |
| MP Gel 600ml  |        | MPSG600W    | 600ml     |       |
| MP Gel 1 Ltr  |        | MP0100W     | 1 Litre   |       |
| MP Gel 10 Ltr |        | MP-GEL1000W | 10 Litres |       |

**Gel - Junction Box Fillers**

**Replay Gel - Re-work Gel**

Protection against rain, humidity, dust and intrusion.  
Silicone gel, no expiry date, re-enterable, 2 part mix (1:1 mixing ratio)  
Dielectric strength: 25.5 kV/mm  
Mixing time: 5 mins (at 23°C)  
Curing time: 12 min (at 23°C)



Replay Gel



| Type       | Colour                                                                        | Code    | Size  | Notes |
|------------|-------------------------------------------------------------------------------|---------|-------|-------|
| Replay Gel | <span style="background-color: #4CAF50; color: white; padding: 2px;"> </span> | MP0100R | 1 Ltr |       |

**Gel - Junction Box Fillers**

**Crystal Gel - Transparent Gel**

Protection against rain, humidity, dust and intrusion.  
Silicone gel, no expiry date, re-enterable, 2 part mix (1:1 mixing ratio)  
Dielectric strength: 25.5 kV/mm  
Mixing time: 5 mins (at 23°C)  
Curing time: 12 min (at 23°C)



Crystal Gel



| Type        | Colour | Code    | Size  | Notes |
|-------------|--------|---------|-------|-------|
| Crystal Gel | Clear  | MP0100C | 1 Ltr |       |

**Gel - Junction Box Fillers**

**ONEGEL - Immediate Use**

Protection against rain, humidity, dust and intrusion.  
Silicone gel, no expiry date, re-enterable, no mixing immediate use  
Dielectric strength: 25.5 kV/mm  
Mixing time: none  
Curing time: none



ONEGEL



| Type   | Colour                                                                        | Code   | Size  | Notes |
|--------|-------------------------------------------------------------------------------|--------|-------|-------|
| ONEGEL | <span style="background-color: #2196F3; color: white; padding: 2px;"> </span> | ONEGEL | 300ml |       |



ONEGEL Counter Top Display



| Type                       | Colour                                                                        | Code   | Qty | Notes |
|----------------------------|-------------------------------------------------------------------------------|--------|-----|-------|
| ONEGEL Counter Top Display | <span style="background-color: #2196F3; color: white; padding: 2px;"> </span> | ONEGEL | 24  |       |

**Gel - Junction Box Filler**

**RESIL**

Silicone resin, no expiry date, non-toxic, re-enterable, mixing ratio 1:1,  
Dielectric strength 23 kV/mm.  
Mixing time: 5 mins (approx) / Curing time: 12 mins (approx).  
40% faster than standard epoxy resin.



RESIL 1 Ltr



| Type        | Colour                                                                        | Code   | Details           | Size  | Notes |
|-------------|-------------------------------------------------------------------------------|--------|-------------------|-------|-------|
| RESIL 1Ltr  | <span style="background-color: #2196F3; color: white; padding: 2px;"> </span> | RE0100 | 2 part bottle mix | 1 Ltr |       |
| RESIL 4 Ltr | <span style="background-color: #2196F3; color: white; padding: 2px;"> </span> | RE0400 | 2 part bottle mix | 4 Ltr |       |

**COMBI / WIB FILLER GUIDE**

**COMBI Junction Box Filler Guide**

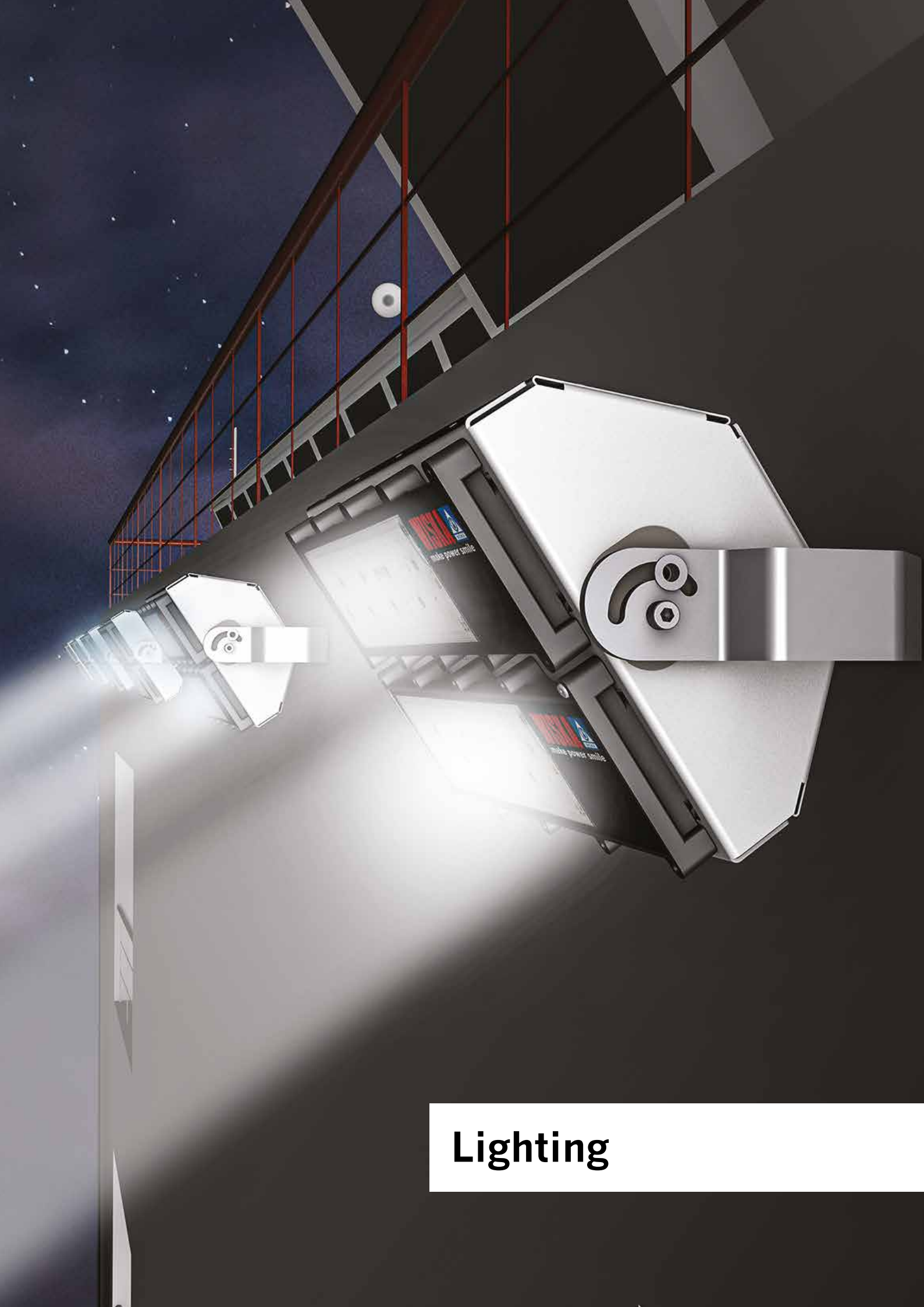
| Type       | Volume of Gel Required (ml) |
|------------|-----------------------------|
| COMBI 108  | 200ml                       |
| COMBI 116  | 425ml                       |
| COMBI 206  | 100ml                       |
| COMBI 304  | 180ml                       |
| COMBI 308  | 200ml                       |
| COMBI 407  | 320ml                       |
| COMBI 607  | 510ml                       |
| COMBI 1010 | 1 Ltr 10ml                  |
| COMBI 1210 | 1 Ltr 250ml                 |
| COMBI 1610 | 2 Ltr 500 ml                |

**WIB Filler Guide**

| Type  | Volume of Gel Required (ml) |
|-------|-----------------------------|
| WIB 1 | 400ml                       |
| WIB 2 | 800ml                       |
| WIB 3 | 1 Ltr 200ml                 |
| WIB 4 | 2 Ltr 100ml                 |
| WIB 5 | 5 Ltr                       |
| WIB 6 | 125ml                       |

BRACE SYSTEM  
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# Lighting

BRACE SYSTEM

JOINTS

CABLE GLANDS

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## FLOODLIGHTS

### Floodlights

#### LED Floodlight - LED Floodlight 5000

IP68 and IP66 / IP67, material plastic, stainless steel housing  
Corrosion-free, vibration-proof, saltwater and UV resistant  
Luminous flux: 4,000 lm (per module)  
Power: 40W (per module)  
Voltage: 100 - 240 V AC / (10110949: 18 - 32V DC)  
Light colour: 5,600 K  
Average lifetime: 50,000 hours (L70 / B10)



LED Floodlight 5000

| Type                    | Colour | Code     | IP Rating | Power   | Beam    | Notes |
|-------------------------|--------|----------|-----------|---------|---------|-------|
| LED Floodlight 5000     |        | 10110949 | IP68      |         | Medium* |       |
| LED Floodlight 5000     |        | 10110597 | IP68      | 40W     | Medium* |       |
| LED Floodlight 5000 x 2 |        | 10110351 | IP66/67   | 2 x 40W | Medium* |       |
| LED Floodlight 5000 x 3 |        | 10110451 | IP66/67   | 3 x 40W | Medium* |       |
| LED Floodlight 5000 x 4 |        | 10110454 | IP66/67   | 4 x 40W | Medium* |       |

\*Narrow and Wide Beam types available.

## MULTIPURPOSE LIGHTING

### Multipurpose Lighting

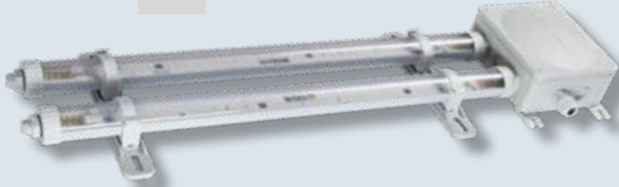
#### LED Multipurpose Lighting - LED Luminaire 4000

IP66 / IP67, LED multipurpose luminaire  
Polycarbonate, maintenance-free, quick and easy to install.  
Luminous flux: 2,000 lm (2 x 13W) / 4,000 lm (2 x 26W)  
Voltage: 230V and 110V  
Light colour: 5,600 K  
Average lifetime: 50,000 hours (L70 / B10)



LED Luminaire 4000 Single

| Type               | Colour | Code     | Power   | Voltage | Connection | Notes |
|--------------------|--------|----------|---------|---------|------------|-------|
| Luminaire 4000 x 1 |        | 10104864 | 1 x 13W | 230V    | 1.5m Lead  |       |
| Luminaire 4000 x 1 |        | 10104928 | 1 x 26W | 230V    | 1.5m Lead  |       |
| Luminaire 4000 x 1 |        | 10106701 | 1 x 13W | 230V    | COMBI 607  |       |
| Luminaire 4000 x 1 |        | 10106768 | 1 x 26W | 230V    | COMBI 607  |       |



LED Luminaire 4000 Double

| Type               | Colour | Code     | Power   | Voltage | Connection | Notes |
|--------------------|--------|----------|---------|---------|------------|-------|
| Luminaire 4000 x 2 |        | 10105103 | 2 x 13W | 230V    | 1.5m Lead  |       |
| Luminaire 4000 x 2 |        | 10104929 | 2 x 26W | 230V    | 1.5 Lead   |       |
| Luminaire 4000 x 2 |        | 10106804 | 2 x 13W | 230V    | COMBI 1210 |       |
| Luminaire 4000 x 2 |        | 10106800 | 2 x 26W | 230V    | COMBI 1210 |       |

## MULTIPURPOSE FIXTURES

### Multipurpose Fixtures

#### Incandescent Lamp

IP68, housing black PBT, pear-shaped light cover polycarbonate, 4 x M20 membrane threaded entries



Incandescent Lamp

| Type              | Colour | Code     | Power   | Voltage | Lampholder | Notes |
|-------------------|--------|----------|---------|---------|------------|-------|
| Incandescent Lamp | Clear  | 10015000 | 1 x 75W | 230V    | E27        |       |
| Incandescent Lamp | Red    | 10015010 | 1 x 75W | 230V    | E27        |       |
| Incandescent Lamp | Green  | 10015020 | 1 x 75W | 230V    | E27        |       |
| Incandescent Lamp | Blue   | 10015030 | 1 x 75W | 230V    | E27        |       |
| Incandescent Lamp | Yellow | 10015040 | 1 x 75W | 230V    | E27        |       |

### Multipurpose Fixtures

#### LED Lamp

IP68, housing black PBT, pear-shaped light cover polycarbonate, 4 x M20 membrane threaded entries  
Luminous flux: 869 lm  
Light colour: 4,000 K  
Average lifetime: 55,000 hours



LED Lamp

| Type     | Colour | Code     | Power  | Voltage | Notes |
|----------|--------|----------|--------|---------|-------|
| LED Lamp | Clear  | 10110593 | 1 x 5W | 230V    |       |

### Multipurpose Fixtures

#### Brass, Glass Globe with Protection Guard

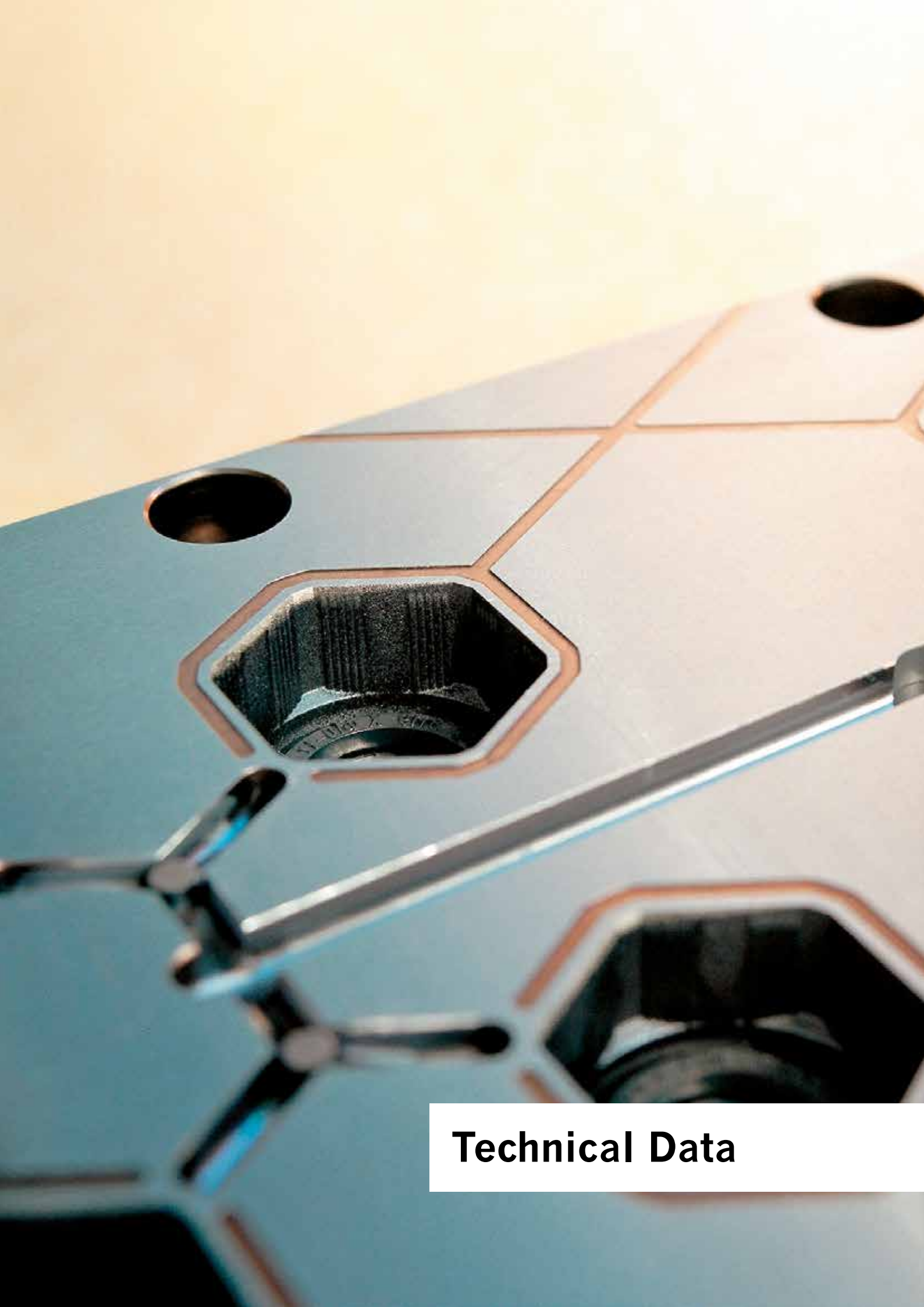
IP56, brass housing, glass light cover, E27 Lampholder



Glass Globe with Protection Guard

| Type                              | Colour | Code     | Power | Voltage | Connection Details       | Cable Entry Position | Notes |
|-----------------------------------|--------|----------|-------|---------|--------------------------|----------------------|-------|
| Glass Globe with Protection Guard | Brass  | 10012988 | 100W  | 230V    | M24 x 1.5<br>12 - 14.5mm |                      |       |
| Glass Globe with Protection Guard | Brass  | 10013095 | 100W  | 230V    | M24 x 1.5<br>12 - 14.5mm |                      |       |
| Glass Globe with Protection Guard | Brass  | 10013104 | 100W  | 230V    | M24 x 1.5<br>12 - 14.5mm |                      |       |





**Technical Data**

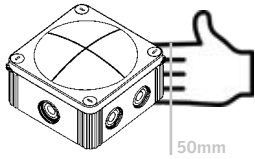
# IP Rating Guide

## Ingress Protection **IP68** Example

### Solids

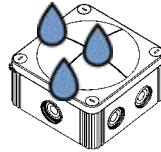
### Water

1



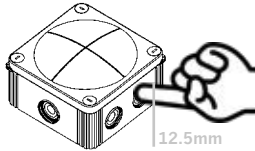
Protection against solid object greater than 50mm.

1



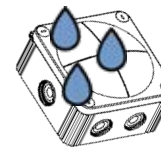
Protection against vertically falling droplets.

2



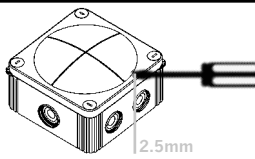
Protection against solid object greater than 12.5mm.

2



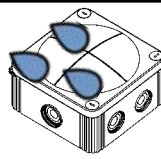
Protection against vertically falling droplets when tilted up.

3



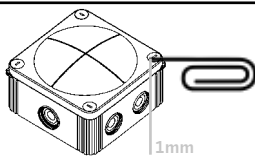
Protection against solid object greater than 2.5mm.

3



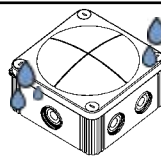
Protection against spraying water up to an angle of 60°.

4



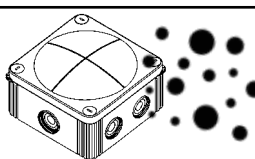
Protection against solid object greater than 1mm.

4



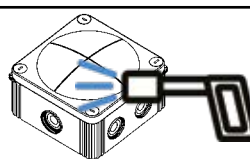
Protection against splashes of water from all directions.

5



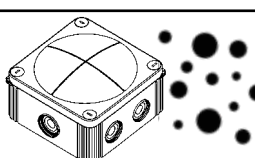
Limited ingress of dust. Will not interfere with equipment.

5



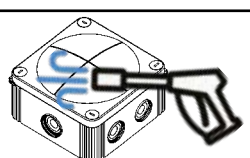
Protection against low pressure jets of water.

6



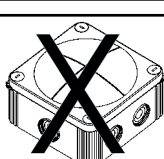
No ingress of dust permitted.

6



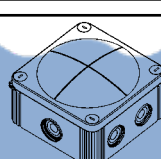
Protection against high pressure jets of water.

X



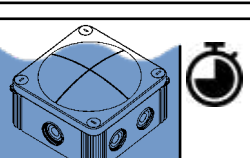
Protection level not formally tested.

7



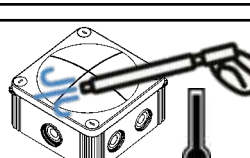
Protection against immersion in water between 15cm - 1m deep for 30 minutes.

8



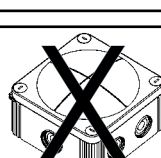
Protection against immersion in water under pressure for long periods.

9



Protection from close-range, powerful, high temperature water jets.

X



Protection level not formally tested.

**A digit of "0" for either solid or liquids indicates no protection.**

# Impact Resistance

## Degrees of protection acc. to EN 50102 / VDE 0470 P.100

Standard EN 50102 / VDE 0470 P.100 "Degrees of protection against external mechanical loading provided by enclosures for electrical apparatus (equipment) - IK-Code" describes a way of classifying the degrees of protection which enclosures of electrical apparatus afford against external mechanical or stress, called IK-Code system.

These IK-Codes are used as follows to categorise stress energy:

| IK-Code                | IK00 | IK01 | IK02 | IK03 | IK04 | IK05 | IK06 | IK07 | IK08 | IK09 | IK10 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Stress energy in Joule | *)   | 0.15 | 0.2  | 0.35 | 0.5  | 0.7  | 1    | 2    | 5    | 10   | 20   |

\*) not protected in conformity with the present standard.

## Properties of Plastic employed (Selection)

| Material designation              | Polyamide | Polyamide reinforced glass | Polypropylene | Polypropylene reinforced glass | Polyethylen low density | Polyethylen high density | Polystyrene     |
|-----------------------------------|-----------|----------------------------|---------------|--------------------------------|-------------------------|--------------------------|-----------------|
| Material shortmark                | PA        | PA-GF                      | PP            | PP-GF                          | PE/LD                   | PE/HD                    | PS              |
| <b>Chemical resistance</b>        |           |                            |               |                                |                         |                          |                 |
| Alcohol                           | A         | A                          | A             | A                              | A                       | A                        | A               |
| Benzine                           | A         | A                          | B             | B                              | B                       | A                        | C               |
| Diesel oil                        | A         | A                          | A             | A                              | B                       | B                        | C               |
| Mineral oil                       | A         | A                          | A             | A                              | B                       | A                        | B               |
| Animal and veg grease             | B         | B                          | A             | A                              | A                       | A                        | B               |
| Weak alkaline solution            | A         | A                          | A             | A                              | A                       | A                        | A               |
| Strong alkaline solution          | A         | A                          | A             | A                              | A                       | A                        | A               |
| Weak acids                        | A         | A                          | A             | A                              | A                       | A                        | A               |
| Strong acids                      | B         | B                          | B             | B                              | B                       | A                        | B               |
| Water                             | A         | A                          | A             | A                              | A                       | A                        | A               |
| Susceptibility to stress cracking | Low       | Low                        | Low           | Low                            | Low                     | Low                      | Relatively high |
| Halogen free                      | Yes       | Yes                        | Yes           | Yes                            | Yes                     | Yes                      | Yes             |
| Phosphate free                    | Yes       | Yes                        | Yes           | Yes                            | Yes                     | Yes                      | Yes             |
| Silicone free                     | Yes       | Yes                        | Yes           | Yes                            | Yes                     | Yes                      | Yes             |
| <b>Temperature range</b>          |           |                            |               |                                |                         |                          |                 |
| Minimal                           | -40°C     | -40°C                      | -30°C         | -30°C                          | -40°C                   | -40°C                    | -25°C           |
| Max. continually                  | 100°C     | 100°C                      | 80°C          | 100°C                          | 80°C                    | 80°C                     | 60°C            |
| Max. intermittent                 | 120°C     | 150°C                      | 100°C         | 120°C                          | 100°C                   | 100°C                    | 80°C            |
| <b>Combustibility</b>             | UL 94 V-2 | UL 94 HB                   | UL 94 HB      | UL 94 HB                       | UL 94 HB                | UL 94 HB                 | UL 94 HB        |
| Thermal value (Hu) [kJ/kg]        | 32.000    | 32.000                     | 46.000        | 46.000                         | 46.000                  | 46.000                   | 42.000          |



# Enclosure Guide

The following charts are general COMBI and WIB guides.

| Model      | Dimensions (mm) | IP Rating | Number of Entries | Entry Size      | Volume of Gel Required (ml) |
|------------|-----------------|-----------|-------------------|-----------------|-----------------------------|
| COMBI 108  | 76 x 76 x 51    | IP66      | 10*               | M20             | 200ml                       |
| COMBI 116  | 152 x 76 x 51   | IP66      | 18*               | M20             | 425ml                       |
| COMBI 206  | 85 x 49 x 51    | IP66/67   | 6*                | M20             | 100ml                       |
| COMBI 304  | ∅ 82 x 57       | IP66/67   | 4**               | M20             | 180ml                       |
| COMBI 308  | 85 x 85 x 51    | IP66/67   | 8**               | M20             | 200ml                       |
| COMBI 407  | 95 x 95 x 60    | IP66/67   | 7***              | M20/M25         | 320ml                       |
| COMBI 607  | 110 x 110 x 66  | IP66/67   | 7**               | M25             | 510ml                       |
| COMBI 1010 | 140 x 140 x 82  | IP66/67   | 10****            | M20/M25/M32     | 1 Ltr 10ml                  |
| COMBI 1210 | 160 x 140 x 81  | IP66/67   | 10***             | M20/M25         | 1 Ltr 250ml                 |
| COMBI 1610 | 200 x 160 x 94  | IP66/67   | 10****            | M20/M25/M32/M40 | 2 Ltr 426ml                 |

\*Membrane entries / \*\*threaded membrane entries / \*\*\* threaded membrane & knockouts / \*\*\*\* knockouts. Please see website for full specification and data.

| Model  | Dimensions (mm) | IP Rating | IK Rating | Volume of Gel Required (ml) | Product Variations                                                     |
|--------|-----------------|-----------|-----------|-----------------------------|------------------------------------------------------------------------|
| WIB 1  | 110 x 110 x 60  | IP65      | IK 07     | 400ml                       | with Cones, with Clear Lid, with CLIXX                                 |
| WIB 2  | 160 x 120 x 70  | IP65      | IK 07     | 800ml                       | with Cones, with Clear Lid                                             |
| WIB 3  | 165 x 145 x 84  | IP65      | IK 07     | 1 Ltr 200ml                 | with Cones, with Clear Lid, with DIN Rail, with Clear Lid and DIN Rail |
| WIB 4  | 230 x 180 x 88  | IP65      | IK 07     | 2 Ltr 100ml                 | with Cones, with Clear Lid, with DIN Rail, with Clear Lid and DIN Rail |
| WIB 5  | 320 x 250 x 135 | IP65      | IK 07     | 5 Ltr                       | N/A                                                                    |
| WIB 6  | ∅ 77 x 40       | IP55      | IK 07     | 125ml                       | Quick Fit Option                                                       |
| WIB 7  | 120 x 80 x 50   | IP55      | IK 07     |                             | N/A                                                                    |
| WIB 8  | 130 x 90 x 65   | IP65      | IK 07     |                             | N/A                                                                    |
| WIB 9  | 150 x 110 x 75  | IP65      | IK 07     |                             | N/A                                                                    |
| WIB 10 | 170 x 170 x 120 | IP65      | IK 07     |                             | N/A                                                                    |
| WIB 11 | 190 x 140 x 75  | IP65      | IK 07     |                             | N/A                                                                    |
| WIB 12 | 240 x 190 x 90  | IP65      | IK 07     |                             | N/A                                                                    |
| WIB 14 | 380 x 300 x 120 | IP65      | IK 07     |                             | N/A                                                                    |
| WIB 15 | 460 x 380 x 120 | IP65      | IK 07     |                             | N/A                                                                    |

# Insulating Gel Guide

The following chart is for WISKA's range of insulating gel.

| Model         | Code        | Volume | Gel Material | Gel Colour | Protection against Rain & Humidity | Protection against Dust & Intrusion | Expiry Date | Re-enterable | Dielectric Strength (kV) | Toxic | Mixing time (at 23°C) | Curing time (at 23°C) | Mixing Ratio                                         | Notes                                                                  |
|---------------|-------------|--------|--------------|------------|------------------------------------|-------------------------------------|-------------|--------------|--------------------------|-------|-----------------------|-----------------------|------------------------------------------------------|------------------------------------------------------------------------|
| MP One        | MP103       | 300ml  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 15 seconds            | 8 mins                | Twist lid to release activation gel and shake bottle | Twist and Go Gel, perfect for filling junction boxes and enclosures.   |
| MP One        | MP106       | 600ml  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 15 seconds            | 8 mins                | Twist lid to release activation gel and shake bottle | Twist and Go Gel, perfect for filling junction boxes and enclosures.   |
| MP One        | MP109       | 900ml  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 15 seconds            | 8 mins                | Twist lid to release activation gel and shake bottle | Twist and Go Gel, perfect for filling junction boxes and enclosures.   |
| MP Gel 170ml  | MPSG170W    | 170ml  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 5 mins                | 12 mins               | 2 part mix (1:1 ratio)                               | Original WISKA Gel, perfect for filling junction boxes and enclosures. |
| MP Gel 240ml  | MPSG240W    | 240ml  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 5 mins                | 12 mins               | 2 part mix (1:1 ratio)                               | Original WISKA Gel, perfect for filling junction boxes and enclosures. |
| MP Gel 300ml  | MP0030W     | 300ml  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 5 mins                | 12 mins               | 2 part mix (1:1 ratio)                               | Original WISKA Gel, perfect for filling junction boxes and enclosures. |
| MP Gel 420ml  | MPSG420W    | 420ml  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 5 mins                | 12 mins               | 2 part mix (1:1 ratio)                               | Original WISKA Gel, perfect for filling junction boxes and enclosures. |
| MP Gel 600ml  | MPSG600W    | 600ml  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 5 mins                | 12 mins               | 2 part mix (1:1 ratio)                               | Original WISKA Gel, perfect for filling junction boxes and enclosures. |
| MP Gel 1 Ltr  | MP0100W     | 1 Ltr  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 5 mins                | 12 mins               | 2 part mix (1:1 ratio)                               | Original WISKA Gel, perfect for filling junction boxes and enclosures. |
| MP Gel 10 Ltr | MP-GEL1000W | 10 Ltr | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 5 mins                | 12 mins               | 2 part mix (1:1 ratio)                               | Original WISKA Gel, perfect for filling junction boxes and enclosures. |
| ONEGEL        | ONEGEL      | 300ml  | Silicone     | Blue       | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | Immediate Use         | Immediate Use         | No mixing. Immediate Use                             | Immediate use gel, no mixing or pouring.                               |
| Replay Gel    | MP0100R     | 1 Ltr  | Silicone     | Green      | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 5 mins                | 12 mins               | 2 part mix (1:1 ratio)                               | Re-work gel, re-mould and work again and again.                        |
| Crystal Gel   | MP0100C     | 1 Ltr  | Silicone     | Clear      | Yes                                | Yes                                 | None        | Yes          | 25.5                     | No    | 5 mins                | 12 mins               | 2 part mix (1:1 ratio)                               | Clear gel, no colour crystal clear.                                    |

# Cable Gland Guide

Our cable glands are designed, tested and manufactured to the highest standard at our state of the art facilities in Hamburg, Germany.

Use this checklist to compare our cable glands with your current provider or any on the market to see if they measure up to a WISKA cable gland...

| Standard                                                                            | WISKA ESKV Cable Gland | Other                    |
|-------------------------------------------------------------------------------------|------------------------|--------------------------|
| IP68                                                                                | Yes                    | <input type="checkbox"/> |
| IP69                                                                                | Yes                    | <input type="checkbox"/> |
| 100% Polyamide                                                                      | Yes                    | <input type="checkbox"/> |
| UV Resistant                                                                        | Yes                    | <input type="checkbox"/> |
| Halogen Free                                                                        | Yes                    | <input type="checkbox"/> |
| 6.2 - 14mm clamping range (20mm size)                                               | Yes                    | <input type="checkbox"/> |
| Superior strain relief                                                              | Yes                    | <input type="checkbox"/> |
| Wide range of inserts (twin & earth, small cable 4-8mm, CAT 5 & 6, shotgun coaxial) | Yes                    | <input type="checkbox"/> |
| Built in gasket                                                                     | Yes                    | <input type="checkbox"/> |
| Vibration proof                                                                     | Yes                    | <input type="checkbox"/> |
| 4 colours (grey, black, white & red)                                                | Yes                    | <input type="checkbox"/> |
| VDE approval                                                                        | Yes                    | <input type="checkbox"/> |
| UL approval                                                                         | Yes                    | <input type="checkbox"/> |

## Metric Cable Glands

| Thread    | Pitch | Major diameter (mm) | Tap drill diameter(mm) | Minor diameter (mm) |
|-----------|-------|---------------------|------------------------|---------------------|
| M12 x 1.5 | 1.5   | 12.0                | 12.0 + 0.2             | 10.6                |
| M16 x 1.5 | 1.5   | 16.0                | 16.0 + 0.2             | 14.6                |
| M20 x 1.5 | 1.5   | 20.0                | 20.0 + 0.2             | 18.6                |
| M25 x 1.5 | 1.5   | 25.0                | 32.0 + 0.3             | 23.6                |
| M32 x 1.5 | 1.5   | 32.0                | 40.0 + 0.3             | 30.6                |
| M40 x 1.5 | 1.5   | 40.0                | 40.0 + 0.3             | 38.6                |
| M50 x 1.5 | 1.5   | 50.0                | 50.0 + 0.3             | 48.6                |
| M63 x 1.5 | 1.5   | 63.0                | 63.0 + 0.3             | 61.6                |
| M75 x 7.5 | 1.5   | 75.0                | 75.0 + 0.4             | 73.6                |

## PG Cable Glands

| Thread | Pitch | Threads per inch | Major diameter (mm) | Minor diameter (mm) | Tap drill diameter (mm) |
|--------|-------|------------------|---------------------|---------------------|-------------------------|
| PG7    | 1.27  | 20               | 12.5                | 11.28               | 12.5 + 0.2              |
| PG9    | 1.41  | 18               | 15.2                | 13.86               | 15.2 + 0.2              |
| PG11   | 1.41  | 18               | 18.6                | 17.26               | 18.6 + 0.2              |
| PG13.5 | 1.41  | 18               | 20.4                | 19.06               | 20.4 + 0.2              |
| PG16   | 1.41  | 18               | 22.5                | 21.16               | 22.5 + 0.2              |
| PG21   | 1.58  | 16               | 28.3                | 26.78               | 28.3 + 0.2              |
| PG29   | 1.58  | 16               | 37.0                | 35.48               | 37.0 + 0.3              |
| PG36   | 1.58  | 16               | 47.0                | 45.48               | 47.0 + 0.3              |
| PG42   | 1.58  | 16               | 54.0                | 52.48               | 54.0 + 0.3              |
| PG48   | 1.58  | 16               | 59.3                | 57.78               | 59.3 + 0.3              |

## NPT Cable Glands

| Thread     | Pitch | Major diameter (mm) | Tap drill diameter (mm) |
|------------|-------|---------------------|-------------------------|
| NPT 1/4"   | 1.41  | 13.7                | 14.1 + 0.2              |
| NPT 3/8"   | 1.41  | 17.1                | 17.4 + 0.2              |
| NPT 1/2"   | 1.81  | 21.3                | 21.6 + 0.2              |
| NPT 3/4"   | 1.81  | 26.7                | 27.0 + 0.2              |
| NPT 1"     | 2.21  | 33.4                | 33.7 + 0.2              |
| NPT 1 1/4" | 2.21  | 42.2                | 42.5 + 0.2              |
| NPT 1 1/2" | 2.21  | 48.3                | 48.7 + 0.2              |
| NPT 2"     | 2.21  | 60.3                | 60.7 + 0.2              |
| NPT 2 1/2" | 3.18  | 73.0                | 73.1 + 0.4              |
| NPT 3"     | 3.18  | 88.9                | 89.0 + 0.4              |
| NPT 3 1/2" | 3.18  | 101.6               | 101.6 + 0.4             |
| NPT 4"     | 3.18  | 114.4               | 114.4 + 0.4             |

# Tail Kit - Insert Guide

WISKA Tails Kits provide a solution to the wiring of 18th Edition compliant consumer units.

Utilising their unique inserts (available in plastic, brass and flame retardant options\*), our Tails Kits allow metre tails and earth to be installed through one insert, providing cable retention, preventing eddy currents whilst also maintaining appropriate fire integrity of the board.\**Upon Request*

## MFD Multiple Insert Option



**MFD**  
2 x 16mm<sup>2</sup> / 1 x 16mm<sup>2</sup>  
**Used with...**  
TKE/P32 and TKE/B32



**MFD**  
2 x 25mm<sup>2</sup> / 1 x 16mm<sup>2</sup>  
**Used with...**  
TKE/P32+, TKE/P40, TKE/P40/RD and TKE/B40, TKE/B40/RD



**MFD**  
4 x 25mm<sup>2</sup> / 1 x 16mm<sup>2</sup>  
**Used with...**  
TKE/P50 and TKE/B50

## FFD Flat Insert Option



**FFD**  
1 - 1.5mm<sup>2</sup>  
**Used with...**  
TKE/P20/FFD/1-1.5 and TKE/B20/FFD/1-1.5



**FFD**  
2 x 1 - 1.5mm<sup>2</sup>  
**Used with...**  
TKE/P20/FFD/2x1.5 and TKE/B20/FFD/2x1.5



**FFD**  
2.5 - 4mm<sup>2</sup>  
**Used with...**  
TKE/P20/FFD/2.5-4 and TKE/B20/FFD/2.5-4



**FFD**  
1 x 6mm<sup>2</sup>  
**Used with...**  
TKE/P25/FFD/6 and TKE/B25/FFD/6



**FFD**  
2 x 2.5mm<sup>2</sup>  
**Used with...**  
TKE/P25/FFD/02/2.5 and TKE/B25/FFD/02/2.5



**FFD**  
10 - 16mm<sup>2</sup>  
**Used with...**  
TKE/P32/FFD/10-16 and TKE/B32/FFD/10-16

# Tail Kit - Consumer Unit Guide

| Consumer Unit Manufacturer | M32 Plastic | M40 Plastic | M32 Brass | M40 Brass |
|----------------------------|-------------|-------------|-----------|-----------|
| Proteus                    |             | Yes         |           | Yes       |
| CPN Cudis                  |             | Yes         |           | Yes       |
| Lewden                     | Yes         |             | Yes       |           |
| Contactum                  | Yes         |             | Yes       |           |
| BG                         | Yes         |             | Yes       |           |
| Schneider                  | Yes         |             | Yes       |           |
| Wylex                      | Yes         |             | Yes       |           |
| Crabtree                   | Yes         |             | Yes       |           |
| MK                         | Yes         |             | Yes       |           |

Cable entry sizes suitable for: 2 x 25mm<sup>2</sup> tails / 1 x 16mm<sup>2</sup> earth (Knockout sizes specified as of 10/11/15)

# BS 6121

See the following table composed from data included in BS 6121:Part 1:1989

**Table A: Cable gland type designations for unarmoured cables**

| Type | Definition                                                                                                                                               |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| A1   | For unarmoured cable with an elastomeric or plastic outer sheath, with sealing function between the cable sheath and the sealing ring of the cable gland |
| A2   | As type A1 with IP66                                                                                                                                     |
| A3   | As type A1, but with an electrical bond for the metallic inner screen                                                                                    |

**Table B: Cable gland type designations for armoured cables**

| Type | Definition                                       |
|------|--------------------------------------------------|
| B    | No Seal                                          |
| C    | Single outer seal                                |
| D    | Single inner seal double (inner & outer) seal    |
| E    | Suffix ,1' = normal, suffix , 2' = lead sheathed |

**Table C: Cable gland type designations**

| Type | Definition          |
|------|---------------------|
| T    | Pliavle wire armour |
| W    | Single wire armour  |
| X    | Braid               |
| Y    | Strip armour        |
| Z    | Tape armour         |

**Table D: Typical cable gland type designations**

| Type | Definition                                         |
|------|----------------------------------------------------|
| A2   | Cable gland for unarmoured cable with outer sheath |
| BW   | Cable gland for SWA cable without seal             |
| CW   | Single seal cable gland for SWA cable              |
| E1W  | Double seal cable gland for SWA cable              |
| CX   | Single seal cable gland for braided cable          |
| E1X  | Double seal cable gland for braided cable          |



# BS 6121 Gland Selection guidelines

The following is an extract from BS6121: Part 1, with additions to assist in gland selection according to BS 6121.

- Select the type of cable and identify the gland type from this catalogue.
- Check the type, size and voltage rating of the cable.
- Check the size of the cable over the inner / lead sheath against the catalogue.
- Check the size of overall cable diameter against the catalogue.
- Check the size if armour or braiding.

| Nominal conductor area (mm <sup>2</sup> ) | Number of cores |     |     |     |     |     |    |    |    |    |    |    |
|-------------------------------------------|-----------------|-----|-----|-----|-----|-----|----|----|----|----|----|----|
|                                           | 1               | 2   | 3   | 4   | 5   | 7   | 10 | 12 | 19 | 27 | 37 | 48 |
| 1.5                                       | -               | 20s | 20s | 20s | 20s | 20s | 20 | 20 | 25 | 25 | 32 | 32 |
| 2.5                                       | -               | 20s | 20s | 20s | 20s | 20s | 25 | 25 | 25 | 32 | 40 | 40 |
| 4                                         | -               | 20s | 20s | 20  |     |     |    |    |    |    |    |    |
| 6                                         | -               | 20  | 20  | 20  |     |     |    |    |    |    |    |    |
| 10                                        | -               | 20  | 20  | 25  |     |     |    |    |    |    |    |    |
| 16                                        | -               | 25  | 25  | 25  |     |     |    |    |    |    |    |    |
| 25                                        | -               | 25  | 25  | 32  |     |     |    |    |    |    |    |    |
| 35                                        | -               | 32  | 32  | 40  |     |     |    |    |    |    |    |    |
| 50                                        | 20              | 32  | 32  | 40  |     |     |    |    |    |    |    |    |
| 70                                        | 20              | 32  | 40  | 40  |     |     |    |    |    |    |    |    |
| 95                                        | 25              | 40  | 40  | 40  |     |     |    |    |    |    |    |    |
| 120                                       | 25              | 40  | 50  | 50  |     |     |    |    |    |    |    |    |
| 150                                       | 32              | 40  | 50  | 63  |     |     |    |    |    |    |    |    |
| 185                                       | 32              | 50  | 50  | 63  |     |     |    |    |    |    |    |    |
| 240                                       | 32              | 50  | 63  | 63  |     |     |    |    |    |    |    |    |
| 300                                       | 40              | 63  | 63  | 75s |     |     |    |    |    |    |    |    |
| 400                                       | 40              | 63  | 75  | 75  |     |     |    |    |    |    |    |    |

The gland size recommended in this chart are for guidance only and are based on cable manufactured to BS 5467. In accordance with BS 6121 actual cable dimensions must be used for gland selection.

## Shrouds

Suitable shrouds of EMSKV Cable Glands.

| Type     | CW Shroud to Fit | BW Shroud to Fit |
|----------|------------------|------------------|
| EMSKV 16 |                  | LSF SHROUD BW20S |
| EMSKV 20 |                  | LSF SHROUD BW20L |
| EMSKV 25 |                  | LSF SHROUD BW25  |
| EMSKV 32 | LSF SHROUD CW25  | LSF SHROUD BW25  |
| EMSKV 40 |                  | LSF SHROUD BW32  |
| EMSKV 50 |                  | LSF SHROUD BW50  |
| EMSKV 63 | LSF SHROUD CW50  |                  |
| EMSKV 75 | LSF SHROUD CW63  |                  |

# Conduit Fitting Guide

The following chart is a general conduit fittings (Brace System) guide.

| Model                 | Code     | IP Rating | Material                          | Conduit Type     | Fitting Type                                 |
|-----------------------|----------|-----------|-----------------------------------|------------------|----------------------------------------------|
| BraceFITTING          | EBFS     | IP68      | Polyamide                         | Flexible Plastic | Straight                                     |
| BraceFITTING          | BFC      | IP68      | Polyamide                         | Flexible Plastic | Straight with internal thread                |
| BraceFITTING          | EBF45    | IP68      | Polyamide                         | Flexible Plastic | 45° Angle                                    |
| BraceFITTING          | EBF90    | IP68      | Polyamide                         | Flexible Plastic | 90° Angle                                    |
| BraceFITTING          | EMBFS    | IP66/68   | Polyamide/<br>Brass nickel-plated | Flexible Plastic | Straight with swivel brass connecting thread |
| BraceFITTING          | EMBFSI   | IP66/68   | Polyamide/<br>Brass nickel-plated | Flexible Plastic | Straight with brass internal thread          |
| BraceFITTING          | EMBF45   | IP66/68   | Polyamide/<br>Brass nickel-plated | Flexible Plastic | 45° Angle with brass connector               |
| BraceFITTING          | EMBF45I  | IP66/68   | Polyamide/<br>Brass nickel-plated | Flexible Plastic | 45° Angle with brass internal thread         |
| BraceFITTING          | EMBF90   | IP66/68   | Polyamide/<br>Brass nickel-plated | Flexible Plastic | 90° Angle with brass connector               |
| BraceFITTING          | EMBF90I  | IP66/68   | Polyamide/<br>Brass nickel-plated | Flexible Plastic | 90° Angle with brass internal thread         |
| BraceFITTING          | EMBFSCG  | IP66/68   | Polyamide/<br>Brass nickel-plated | Flexible Plastic | Straight with brass cable gland              |
| BraceFITTING          | EMBF45CG | IP66/68   | Polyamide/<br>Brass nickel-plated | Flexible Plastic | 45° Angle with brass cable gland             |
| BraceFITTING          | EMBF90CG | IP66/68   | Polyamide/<br>Brass nickel-plated | Flexible Plastic | 90° Angle with brass cable gland             |
| BraceFITTING          | BFC      | IP68      | Polyamide                         | Flexible Plastic | Adaptor for connecting 2 straight fittings   |
| BraceFITTING          | BFY      | IP68      | Polyamide                         | Flexible Plastic | Y-connector                                  |
| BraceFITTING          | BFT      | IP68      | Polyamide                         | Flexible Plastic | T-connector                                  |
| KRASM                 | KRASM    |           | Polypropylene                     | Solid Plastic    | straight, M20 threaded                       |
| KRASS                 | KRASS    |           | Polypropylene                     | Solid Plastic    | straight, M20 push-in                        |
| Metallic BraceFITTING | EMBMFS-C | IP67      | Brass nickel-plated               | Corrugated Metal | Straight                                     |
| Metallic BraceFITTING | EMBMFS-S | IP67      | Brass nickel-plated               | Smooth Metal     | Straight                                     |

# Gel Insulating Joint Guide

The following chart is a general guide to gel insulating joints.

| Model               | Code     | Dimensions (mm) | IP Rating | Poles       | Cable Sizes mm                   | Cable Retention | Suitable For...               |
|---------------------|----------|-----------------|-----------|-------------|----------------------------------|-----------------|-------------------------------|
| MiniBox 1           | MBX01    | 36 x 33 x 24    | IPX8      | N/A         |                                  | No              | Use with COMBI Junction Boxes |
| MiniBox 2           | MBX02    | 43 x 33 x 24    | IPX8      | N/A         |                                  | No              | Use with COMBI Junction Boxes |
| MiniBox 3           | MBX03    | 57 x 33 x 24    | IPX8      | N/A         |                                  | No              | Use with COMBI Junction Boxes |
| LED Joy             | LEDJOY   | 118 x 25        | IP68      | 2 or 3      | 0.5 - 1.5                        | Yes             | Garden Lighting / Outside Use |
| SHARK 315W          | SH0315W  | 40 x 72 x 23    | IPX8      | 3           | 5 Amp                            | No              | Garden Lighting / Outside Use |
| SHARK 325W          | SH0325W  | 47 x 86 x 27    | IPX8      | 3           | 6 Amp                            | No              | Garden Lighting / Outside Use |
| SHARK 310W          | SH0310W  | 55 x 146 x 35   | IPX8      | 3           | 13 Amp                           | No              | Garden Lighting / Outside Use |
| SHARK 316W          | SH0316W  | 69 x 180 x 40   | IPX8      | 3           | 30 Amp                           | No              | Garden Lighting / Outside Use |
| SHARK 506W          | SH506W   | 55 x 146 x 35   | IPX8      | 5           | 1.5 - 6                          | Yes             | SWA Jointing                  |
| SHARK 525W          | SH525W   | 69 x 180 x 40   | IPX8      | 3<br>4<br>5 | 2.5 - 16<br>2.5 - 16<br>2.5 - 10 | Yes             | SWA Jointing                  |
| SHARK SIXEIGHT 01BW | SH6801BW | 190 x 60 x 48   | IP68      | 3           | 1.5 - 6                          | Yes             | SWA Jointing                  |
| SHARK SIXEIGHT 01DW | SH6801DW | 190 x 60 x 48   | IP68      | 5           | 1.5 - 6                          | Yes             | SWA Jointing                  |
| SHARK SIXEIGHT 02AW | SH6802AW | 235 x 68 x 48   | IP68      | 5           | 2.5 - 10                         | Yes             | SWA Jointing                  |
| SHARK SIXEIGHT 03AW | SH6803AW | 310 x 85 x 60   | IP68      | 5           | 10 - 25                          | Yes             | SWA Jointing                  |

# Resin Joint Guide

The following chart is a general guide to resin joints.

| Size | Code  | Dimensions (mm) | Connectors | Cores | Cable Diameter (mm) | Min Cross Section (mm) | Max Cross Section (mm) |
|------|-------|-----------------|------------|-------|---------------------|------------------------|------------------------|
| 0    | WSJA0 | 190 x 45        | 4 x crimp  | 4     | 8 - 26              | 1.5                    | 6                      |
| 1    | WSJA1 | 190 x 51        | 1 x 5 pole | 5     | 7 - 30              | 1.5                    | 10                     |
| 2    | WSJA2 | 240 x 62        | 1 x 5 pole | 5     | 8 - 35              | 4                      | 25                     |
| 3    | WSJA3 | 357 x 62        | 4 x crimp  | 4     | 23 - 35             |                        | 35                     |
| 3    | WSJA4 | 357 x 62        | 4 x crimp  | 4     | 23 - 35             |                        | 50                     |
| 4    | WSJA5 | 520 x 100       | none       | 4     | 33 - 55             | 35                     | 150                    |
| 5    | WSJA6 | 670 x 120       | none       | 4     | 45 - 73             | 120                    | 300                    |
| 6    | WSJA7 | 870 x 200       | none       | 4     | 55 - 80             | 185                    | 400                    |

# Cable Sizing Chart

The following is a series of cable sizing charts and recommend WISKA products. Please note cable sizing may vary.

## Armoured Cable

| SWA Cable Size (Prysmian) | OD   | Under Armour | BW  | CW   | BWP | CWP  | Resin joint               | Gel Joint | IP68 Gel Joint |
|---------------------------|------|--------------|-----|------|-----|------|---------------------------|-----------|----------------|
| SWA 2C1.5                 | 11.5 | 7.1          | 20S | 20SS | 16  | 20SS | WSJA0/WSJA1               | SH506W    |                |
| SWA 2C2.5                 | 12.9 | 8.3          | 20S | 20S  | 16  | 20SS | WSJA0/WSJA1               | SH506W    | SH6801BW       |
| SWA 2C4                   | 14.4 | 9.8          | 20S | 20S  | 20S | 20S  | WSJA0/WSJA1/WSJA2         | SH506W    | SH6801BW       |
| SWA 2C6                   | 15.6 | 11           | 20L | 20L  | 20S | 20S  | WSJA0/WSJA1/WSJA2         | SH506W    | SH6801BW       |
| SWA 2C6                   | 15.6 | 11           | 20L | 20L  | 20S | 20S  | WSJA0/WSJA1/WSJA2         | SH506W    | SH6801BW       |
| SWA 2C10                  | 16.8 | 12           | 20L | 20L  | 20L | 20L  | WSJA1/WSJA2               | SH525W    | SH6802AW       |
| SWA 2C16                  | 19.6 | 14.1         | 25  | 25   | 25  | 25   | WSJA2                     | SH525W    | SH6803AW       |
| SWA 2C25                  | 20.9 | 15.6         | 25  | 25   | 25  | 25   | WSJA2                     | SH525W    | SH6803AW       |
| SWA 2C35                  | 23   | 17           | 25  | 25   | 25  | 25   | WSJA3                     |           |                |
| SWA 2C50                  | 25.3 | 19.3         | 25  | 25   | 25  | 25   | WSJA4                     |           |                |
| SWA 2C70                  | 28.5 | 22.3         | 32  | 32   | 32  | 32   | WSJA4*                    |           |                |
| SWA 2C95                  | 32.3 | 25.1         | 40  | 32   | 32  | 32   | WSJA4*                    |           |                |
| SWA 2C120                 | 34.8 | 27.4         | 40  | 40   | 40  | 40   | WSJA5                     |           |                |
| SWA 2C150                 | 37.9 | 30.3         | 40  | 40   | 40  | 40   | WSJA5                     |           |                |
| SWA 2C185                 | 42.5 | 33.5         | 50S | 50S  | 50S | 50S  | WSJA5                     |           |                |
| SWA 2C240                 | 46.5 | 37.3         | 50  | 50   | 50  | 50   | WSJA6                     |           |                |
| SWA 2C300                 | 50.3 | 40.9         | 50  | 50   | 50  | 50   | WSJA6                     |           |                |
| SWA 2C400                 | 54.7 | 45.1         | 63S | 63S  | 63S | 63S  | WSJA6/WSJA7               |           |                |
| SWA 3C1.5                 | 12   | 8            | 20S | 20SS | 16  | 20SS | WSJA0/WSJA1               | SH506W    | SH6801BW       |
| SWA 3C2.5                 | 13   | 9            | 20S | 20S  | 16  | 20SS | WSJA0/WSJA1               | SH506W    | SH6801BW       |
| SWA 3C4                   | 15   | 10           | 20S | 20S  | 20S | 20S  | WSJA0/WSJA1/WSJA2         | SH506W    | SH6801BW       |
| SWA 3C6                   | 16   | 11           | 20L | 20L  | 20L | 20L  | WSJA0/WSJA1/WSJA2         | SH506W    | SH6801BW       |
| SWA 3C10                  | 18   | 13           | 20L | 20L  | 20L | 20L  | WSJA1/WSJA2               | SH525W    | SH6802AW       |
| SWA 3C16                  | 21   | 15           | 25  | 25   | 25  | 25   | WSJA2                     | SH525W    | SH6803AW       |
| SWA 3C25                  | 26   | 19           | 32  | 25   | 25  | 25   | WSJA2                     | SH525W    | SH6803AW       |
| SWA 3C35                  | 28   | 22           | 32  | 32   | 32  | 32   | WSJA3                     |           |                |
| SWA 3C50                  | 30   | 23           | 32  | 32   | 32  | 32   | WSJA4                     |           |                |
| SWA 3C70                  | 34   | 26           | 40  | 40   | 40  | 40   | WSJA5                     |           |                |
| SWA 3C95                  | 36   | 29           | 40  | 40   | 40  | 40   | WSJA5                     |           |                |
| SWA 3C120                 | 40   | 32           | 50S | 50S  | 40  | 40   | WSJA5                     |           |                |
| SWA 3C150                 | 45   | 36           | 50  | 50S  | 50S | 50S  | WSJA5                     |           |                |
| SWA 3C185                 | 49   | 40           | 50  | 50   | 50  | 50   | WSJA6                     |           |                |
| SWA 3C240                 | 54   | 44           | 63S | 63S  | 63S | 63S  | WSJA6                     |           |                |
| SWA 3C300                 | 59   | 49           | 63  | 63   | 63S | 63S  | WSJA6                     |           |                |
| SWA 3C400                 | 65   | 55           | 75S | 63   | 63  | 63   | WSJA7                     |           |                |
| SWA 4C1.5                 | 12.9 | 8.3          | 20S | 20S  | 16  | 20SS | WSJA0/WSJA1               | SH506W    | SH6801DW       |
| SWA 4C2.5                 | 14.4 | 9.8          | 20S | 20S  | 20S | 20S  | WSJA0/WSJA1               | SH506W    | SH6801DW       |
| SWA 4C4                   | 15.7 | 11.1         | 20L | 20L  | 20S | 20S  | WSJA0/WSJA1/WSJA2         | SH506W    | SH6801DW       |
| SWA 4C6                   | 17.9 | 12.4         | 20L | 20L  | 20L | 20L  | WSJA1/WSJA2               | SH506W    | SH6801DW       |
| SWA 4C10                  | 19.7 | 14.2         | 25  | 25   | 25  | 25   | WSJA1/WSJA2               | SH525W    | SH6802AW       |
| SWA 4C16                  | 22.4 | 16.7         | 25  | 25   | 25  | 25   | WSJA2                     | SH525W    | SH6803AW       |
| SWA 4C25                  | 27.3 | 20.7         | 32  | 32   | 32  | 32   | WSJA2                     |           | SH6803AW       |
| SWA 4C35                  | 30.2 | 23.4         | 32  | 32   | 32  | 32   | WSJA3                     |           |                |
| SWA 4C50                  | 32.2 | 26           | 32  | 32   | 32  | 32   | WSJA4                     |           |                |
| SWA 4C70                  | 38   | 30.6         | 40  | 40   | 40  | 40   | WSJA5                     |           |                |
| SWA 4C95                  | 41.7 | 34.1         | 50S | 50S  | 50S | 50S  | WSJA5                     |           |                |
| SWA 4C120                 | 45.4 | 37.6         | 50  | 50   | 50S | 50S  | WSJA5                     |           |                |
| SWA 4C150                 | 50.6 | 41.6         | 50  | 50   | 50  | 50   | WSJA5                     |           |                |
| SWA 4C185                 | 55.3 | 46           | 63S | 63S  | 63S | 63S  | WSJA6                     |           |                |
| SWA 4C240                 | 61.2 | 51.7         | 63  | 63   | 63  | 63   | WSJA6                     |           |                |
| SWA 4C300                 | 66.8 | 56.9         | 75S | 75S  | 75S | 75S  | WSJA6                     |           |                |
| SWA 4C400                 | 75.4 | 64           | 75  | 75   | 75  | 75   | WSJA7                     |           |                |
| SWA 5C1.5                 | 14.9 | 9.8          | 20S | 20S  | 20S | 20S  | WSJA1                     | SH506W    | SH6801DW       |
| SWA 5C2.5                 | 16.5 | 11.4         | 20L | 20L  | 20L | 20L  | WSJA1                     | SH506W    | SH6801DW       |
| SWA 5C4                   | 18.9 | 12.9         | 25  | 20L  | 20L | 20L  | WSJA1/WSJA2               | SH506W    | SH6801DW       |
| SWA 5C6                   | 20.4 | 14.4         | 25  | 25   | 25  | 25   | WSJA1/WSJA2               | SH506W    | SH6801DW       |
| SWA 5C10                  | 23.2 | 17           | 25  | 25   | 25  | 25   | WSJA1/WSJA2               | SH525W    | SH6802AW       |
| SWA 5C16                  | 27.3 | 20.2         | 32  | 32   | 32  | 32   | WSJA2                     | SH525W    | SH6803AW       |
| SWA 5C25                  | 30   | 24           | 32  | 32   | 32  | 32   | WSJA2                     |           | SH6803AW       |
| SWA 5C35                  | 32.9 | 26.7         | 40  | 32   | 40  | 40   | WSJA3 plus extra terminal |           |                |

\*Alternative terminal required

## SY Cable

| SY Cable Size (Eland) | OD   | Cable Gland Type | Less than 20 Smallest | CXT Gland |
|-----------------------|------|------------------|-----------------------|-----------|
| SY 2C0.75             | 7.3  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 2C1                | 7.6  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 2C1.5              | 8.1  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 3C0.75             | 7.6  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 3C1                | 8    | EMSKV-EMV M20    | 16                    | 20S       |
| SY 3C1.5              | 8.6  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 3C2.5              | 9.3  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 3C4                | 11.8 | EMSKV-EMV M20    |                       | 20L       |
| SY 3C6                | 13.8 | EMSKV-EMV M25    |                       | 25        |
| SY 3C10               | 16.4 | EMSKV-EMV M25    |                       | 25        |
| SY 3C16               | 20.1 | EMSKV-EMV M32    |                       | 32        |
| SY 3C25               | 24.5 | EMSKV-EMV M40    |                       | 32        |
| SY 3C35               | 29.5 | EMSKV-EMV M50    |                       | 40        |
| SY 4C0.75             | 8.1  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 4C1                | 8.7  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 4C1.5              | 9.3  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 4C2.5              | 10.8 | EMSKV-EMV M20    |                       | 20S       |
| SY 4C4                | 12.7 | EMSKV-EMV M20    |                       | 20L       |
| SY 4C6                | 14.8 | EMSKV-EMV M25    |                       | 25        |
| SY 4C10               | 18   | EMSKV-EMV M32    |                       | 25        |
| SY 4C16               | 21.6 | EMSKV-EMV M40    |                       | 32        |
| SY 4C25               | 27   | EMSKV-EMV M40    |                       | 40        |
| SY 4C35               | 33   | EMSKV-EMV M50    |                       | ?         |
| SY 4C50               | 37   | EMSKV-EMV M63    |                       | 50        |
| SY 4C70               | 42.5 | EMSKV-EMV M63    |                       | 50        |
| SY 4C95               | 47.2 | EMSKV-EMV M63    |                       | ?         |
| SY 5C0.75             | 8.9  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 5C1                | 9.2  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 5C1.5              | 10.1 | EMSKV-EMV M20    |                       | 20S       |
| SY 5C2.5              | 11.7 | EMSKV-EMV M20    |                       | 20L       |
| SY 5C4                | 14.1 | EMSKV-EMV M25    |                       | 25        |
| SY 5C6                | 16.6 | EMSKV-EMV M25    |                       | 25        |
| SY 5C10               | 19.8 | EMSKV-EMV M32    |                       | 25        |
| SY 5C16               | 24.1 | EMSKV-EMV M40    |                       | 32        |
| SY 5C25               | 29.5 | EMSKV-EMV M50    |                       | 40        |
| SY 5C35               | 36.6 | EMSKV-EMV M63    |                       | 50        |
| SY 7C0.75             | 9.4  | EMSKV-EMV M20    | 16                    | 20S       |
| SY 7C1                | 10   | EMSKV-EMV M20    | 16                    | 20S       |
| SY 7C1.5              | 11   | EMSKV-EMV M20    |                       | 20S       |
| SY 7C2.5              | 12.8 | EMSKV-EMV M20    |                       | 20L       |
| SY 8C0.75             | 10.5 | EMSKV-EMV M20    |                       | 20S       |
| SY 8C1                | 10.8 | EMSKV-EMV M20    |                       | 20S       |
| SY 8C1.5              | 12.4 | EMSKV-EMV M20    |                       | 20L       |
| SY 12C0.75            | 11.6 | EMSKV-EMV M20    |                       | 20S       |
| SY 12C1               | 12.6 | EMSKV-EMV M20    |                       | 20L       |
| SY 12C1.5             | 13.6 | EMSKV-EMV M25    |                       | 20L       |
| SY 12C2.5             | 16.1 | EMSKV-EMV M25    |                       | 25        |
| SY 18C0.75            | 14   | EMSKV-EMV M25    |                       | 25        |
| SY 18C1               | 15   | EMSKV-EMV M25    |                       | 25        |
| SY 18C1.5             | 17   | EMSKV-EMV M25    |                       | 25        |
| SY 18C2.5             | 19.5 | EMSKV-EMV M32    |                       | 25        |
| SY 25C0.75            | 15.6 | EMSKV-EMV M25    |                       | 25        |
| SY 25C1               | 16.5 | EMSKV-EMV M25    |                       | 25        |
| SY 25C1.5             | 18.8 | EMSKV-EMV M32    |                       | 25        |
| SY 25C2.5             | 21.9 | EMSKV-EMV M40    |                       | 32        |

## Flat Cable

| Flat Cable Size (Prysmian) | OD         | Insert Type   |
|----------------------------|------------|---------------|
| 6241Y 1.0/1.0              | 4.5 x 5.6  | 20/01/510     |
| 6241Y 1.5/1.0              | 4.7 x 5.8  | 20/01/510     |
| 6242Y 1.0/1.0              | 4.5 x 8.2  | 20/01/510     |
| 6242Y 1.5/1.0              | 4.7 x 8.6  | 20/01/510     |
| 6242Y 2.5/1.5              | 5.3 x 9.9  | 20/01/510     |
| 6242Y 4.0/1.5              | 6.1 x 11.4 | 20/01/713     |
| 6242Y 6.0/2.5              | 6.8 x 13.1 | 25/01/088-170 |
| 6242Y 10/4.0               | 8.4 x 16.8 | 32/01/098/197 |
| 6242Y 16/6.0               | 9.6 x 19.5 | 32/01/098/197 |
| 6243Y 1.0/1.0              | 4.5 x 10.7 | 20/01/713     |
| 6243Y 1.5/1.0              | 4.7 x 11.7 | 20/01/713     |
| 6243Y 2.5/1.5              | 5.3 x 12.8 | 20/01/713     |
| 6243Y 4.0/1.5              | 6.4 x 16.0 | 25/01/088-170 |
| 6243Y 6.0/2.5              | 7.0 x 18.1 | 32/01/098/197 |
| 6243Y 10/4.0               | 8.3 x 22.5 |               |
| 6243Y 16/6.0               | 9.5 x 26.3 |               |

## 318Y Cable

| 318Y Cable Size (Eland) | OD   | Cable Gland Type | Less than 20 Smallest | Gel Joint |
|-------------------------|------|------------------|-----------------------|-----------|
| 318Y 2C0.75             | 6.3  | ESKV M20         | 12                    | SH0315W   |
| 318Y 2C1                | 6.6  | ESKV M20         | 12                    | SH0315W   |
| 318Y 2C1.5              | 7.4  | ESKV M20         | 16                    | SH0315W   |
| 318Y 2C2.5              | 9.1  | ESKV M20         | 16                    | SH0325W   |
| 318Y 3C0.75             | 6.7  | ESKV M20         | 12                    | SH0315W   |
| 318Y 3C1                | 7    | ESKV M20         | 12                    | SH0315W   |
| 318Y 3C1.5              | 8.1  | ESKV M20         | 16                    | SH0315W   |
| 318Y 3C2.5              | 9.9  | ESKV M20         | 16                    | SH0325W   |
| 318Y 3C4                | 11.3 | ESKV M20         |                       |           |
| 318Y 4C0.75             | 7.3  | ESKV M20         | 16                    |           |
| 318Y 4C1                | 7.9  | ESKV M20         | 16                    |           |
| 318Y 4C1.5              | 9    | ESKV M20         | 16                    |           |
| 318Y 4C2.5              | 10.8 | ESKV M20         |                       |           |
| 318Y 5C0.75             | 8.1  | ESKV M20         | 16                    |           |
| 318Y 5C1                | 8.6  | ESKV M20         | 16                    |           |
| 318Y 5C1.5              | 10   | ESKV M20         | 16                    |           |



BRACE SYSTEM

JOINTS

CABLE GLANDS

CABLE ENTRIES

ENCLOSURES

JUNCTION BOXES


LIGHTING


TECHNICAL DATA



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**LIT/001**