

E1XZS/20/M20-WM

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



E1XZ type cable glands are suitable for SWB braided steel wire or STA steel taped armor cable, E1XZ type glands maintain flameproof Ex d and Increased Safety Ex e explosion protection. And the armor clamping provides an electrical bond between the cable armor and the glands.

General ordering data

| | |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version | E1XZ (Klippon double seal SWB/STA armored Ex e/d cable gland), Cable glands, straight, M 20 x 1.5, 16 mm, Braided armouring, Metal foil armouring, 0.9 - 1.25 mm, OD min. 15 - OD max. 21 mm, ID min. 10.00 - ID max. 14.00 mm, Stainless steel 1.4404 |
| Order No. | 1188040000 |
| Type | E1XZS/20/M20-WM |
| GTIN (EAN) | 4050118087246 |
| Qty. | 24 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Height | 62.5 mm | Height (inches) | 2.4606 inch |
| Width | 33 mm | Width (inches) | 1.2992 inch |
| Length | 78.5 mm | Length (inches) | 3.0905 inch |
| Net weight | 161 g | | |

Temperatures

Operating temperature -50 °C... 120 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

Certificate numbers cable gland

| | | | |
|-------------------------------------|-----------------------------------------------------|------------------------------------|--------------------|
| Identification | II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da | Certificate no. cable gland (ATEX) | TÜV IT 16ATEX 059X |
| Certificate no. cable gland (IECEX) | IECEX TPS 16.0004X | Certificate no. cable gland (CCC) | 2020322313000069 |
| Certificate No. (IECEX) | IECEXTPS16.0004X | | |

General information

| | | | |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------|
| Outer cable diameter, max. | 21 mm | Outer cable diameter, min. | 15 mm |
| Inner cable diameter, max. | 14.00 mm | Inner cable diameter, min. | 10.00 mm |
| O-Ring | Silicone | Tightening torque | 35 Nm |
| Silicone | Yes | Number of wires | 1 |
| Armour, max. | 1.25 mm | Armour, min. | 0.9 mm |
| Operating temperature range, max. | 120 °C | Operating temperature range, min. | -50 °C |
| Pitch of thread | 1.5 mm | Halogen | No |
| Standards | EN 60079-0, EN 60079-1, EN 60079-31, EN 60079-7, GB 12476.1, GB 12476.5, GB 3836.1, GB 3836.2, GB 3836.3, IEC 60079-0, IEC 60079-1, IEC 60079-31, IEC 60079-7 | AF size 1 | 30 mm |
| AF size 2 | 30 mm | Protection degree | IP66, IP68 |
| Cable gland | M 20 | Basic material | Stainless steel 1.4404 |
| Seal insert | Silicone | Sealing | Silicone |
| External thread | M 20 x 1.5 | Length of thread | 16 mm |
| Type of armouring, short term | SWB, STA | Explosion protection type | Ex d - flameproof, Ex e - increased safety |
| Type of armouring | Braided armouring, Metal foil armouring | Installation guidelines | See assembly instructions |

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Technical data

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000441 | ETIM 9.0 | EC000441 |
| ETIM 10.0 | EC000441 | ECLASS 14.0 | 27-14-08-04 |
| ECLASS 15.0 | 27-14-08-04 | | |

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Accessories

Stainless Steel lock nuts, natural finish



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

| | | | |
|------------|----------------------------|----------------------------------------------------------------------------------|--|
| Type | SKMUS M20-W | Version | |
| Order No. | 1185690000 | SKMU SS (stainless steel locknut), Locknut, M 20, 2.2 mm, Stainless steel 1.4404 | |
| GTIN (EAN) | 4050118233742 | | |
| Qty. | 240 ST | | |

Nylon flat washer - GWDR



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

| | | | |
|------------|----------------------------|--------------------------------|--|
| Type | GWDR M20-W | Version | |
| Order No. | 1185610000 | in closed state, M 20, Nylon 6 | |
| GTIN (EAN) | 4050118078305 | | |
| Qty. | 100 ST | | |