

E1XZ/16/NPT1/2-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, 1/2" NPT, 13.6 mm, Braided armouring, Metal foil armouring, 0.9 - 0.9 mm, OD min. 8 - OD max. 13.5 mm, ID min. 4.50 - ID max. 8.70 mm, Brass, nickel-plated |
| Order No. | 1185080000 |
| Type | E1XZ/16/NPT1/2-WM |
| GTIN (EAN) | 4050118075083 |
| Qty. | 24 items |

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

| | | | |
|------------|-------|-----------------|-------------|
| Height | 62 mm | Height (inches) | 2.4409 inch |
| Width | 26 mm | Width (inches) | 1.0236 inch |
| Length | 78 mm | Length (inches) | 3.0709 inch |
| Net weight | 120 g | | |

Temperatures

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

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 0d756fc1-6076-45f4-ae6d-db4288d0aefd |

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. | 13.5 mm | Outer cable diameter, min. | 8 mm |
| Inner cable diameter, max. | 8.70 mm | Inner cable diameter, min. | 4.50 mm |
| O-Ring | Silicone | Tightening torque | 18 Nm |
| Silicone | Yes | Number of wires | 1 |
| Armour, max. | 0.9 mm | Armour, min. | 0.9 mm |
| Operating temperature range, max. | 120 °C | Operating temperature range, min. | -50 °C |
| Pitch of thread | 1.81 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 | 24 mm |
| AF size 2 | 24 mm | Protection degree | IP66, IP68 |
| Cable gland | NPT 1/2" | Basic material | Brass, nickel-plated |
| Seal insert | Silicone | Sealing | Silicone |
| External thread | 1/2" NPT | Length of thread | 13.6 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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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 | | |