

E1XZ/63/NPT2-1/2-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, 2 1/2" NPT, 28.9 mm, Braided armouring, Metal foil armouring, 2.5 - 2.5 mm, OD min. 58 - OD max. 66 mm, ID min. 49.50 - ID max. 56.00 mm, Brass, nickel-plated |
| Order No. | 1185180000 |
| Type | E1XZ/63/NPT2-1/2-WM |
| GTIN (EAN) | 4050118075175 |
| Qty. | 4 pc(s). |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2024-08-31 |

Creation date August 29, 2024 7:40:32 AM CEST

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Height | 77.5 mm | Height (inches) | 3.051 inch |
| Width | 88 mm | Width (inches) | 3.465 inch |
| Length | 96.5 mm | Length (inches) | 3.799 inch |
| Net weight | 1,140 g | | |

Temperatures

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

Certificate numbers cable gland

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

General information

| | | | |
|-----------------------------------|---|-----------------------------------|--|
| AF size 1 | 80 mm | AF size 2 | 80 mm |
| Armour, max. | 2.5 mm | Armour, min. | 2.5 mm |
| Cable glands | NPT 2-1/2" | Explosion protection type | Ex d - flameproof, Ex e - increased safety |
| External thread | 2 1/2" NPT | Halogen | No |
| Inner cable diameter, max. | 56 mm | Inner cable diameter, min. | 49.5 mm |
| Installation guidelines | See assembly instructions | Length of thread | 28.9 mm |
| Material | Brass, nickel-plated | Number of wires | 1 |
| O-Ring | Silicone | Operating temperature range, max. | 120 °C |
| Operating temperature range, min. | -50 °C | Outer cable diameter, max. | 66 mm |
| Outer cable diameter, min. | 58 mm | Pitch of thread | 3.18 mm |
| Protection degree | IP66, IP68 | Seal insert | Silicone |
| Sealing | Silicone | Silicone | Yes |
| 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 | Tightening torque | 130 Nm |
| Type of armouring | Braided armouring, Metal foil armouring | Type of armouring, short term | SWB, STA |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000441 | ETIM 7.0 | EC000441 |
| ETIM 8.0 | EC000441 | ETIM 9.0 | EC000441 |
| ECLASS 9.0 | 27-14-44-32 | ECLASS 9.1 | 27-14-44-34 |
| ECLASS 10.0 | 27-14-44-32 | ECLASS 11.0 | 27-14-44-32 |
| ECLASS 12.0 | 27-14-08-04 | ECLASS 13.0 | 27-14-08-04 |
| ECLASS 14.0 | 27-14-08-04 | | |

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www.weidmueller.com**Technical data****Environmental Product Compliance**

| | |
|--------------------------------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | Od756fc1-6076-45f4-ae6d-db4288d0aefd |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | ATEX certification IEC Ex certification CCC approval of Cable glands CE Declaration of conformity CE Declaration of conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | Notice of installation |
| Catalogues | Catalogues in PDF-format |