

**E1XZ/20S/M20-WM****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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. 12.5 - OD max. 16 mm, ID min. 8.00 - ID max. 11.70 mm, Brass, nickel-plated |
| Order No.  | <a href="#">1184980000</a>  |
| Type       | E1XZ/20S/M20-WM   |
| GTIN (EAN) | 4050118074994   |
| Qty.       | 24 pc(s).   |

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Catalogue status 17.08.2024 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 62.5 mm | Height (inches) | 2.461 inch |
| Width      | 28.5 mm | Width (inches)  | 1.122 inch |
| Length     | 78.5 mm | Length (inches) | 3.091 inch |
| Net weight | 150 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                         | 26 mm   | AF size 2                         | 26 mm                                      |
| Armour, max.                      | 1.25 mm   | Armour, min.                      | 0.9 mm                                     |
| Cable glands                      | M 20  | Explosion protection type         | Ex d - flameproof, Ex e - increased safety |
| External thread                   | M 20 x 1.5  | Halogen                           | No   |
| Inner cable diameter, max.        | 11.7 mm   | Inner cable diameter, min.        | 8 mm                                       |
| Installation guidelines           | See assembly instructions   | Length of thread                  | 16 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.        | 16 mm                                      |
| Outer cable diameter, min.        | 12.5 mm   | Pitch of thread                   | 1.5 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                 | 20 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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|                                      |                                      |
|--------------------------------------|--------------------------------------|
| 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 | <a href="#">ATEX certification</a><br><a href="#">IEC Ex certification</a><br><a href="#">CCC approval of Cable glands</a><br><a href="#">CE Declaration of conformity</a><br><a href="#">CE Declaration of conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| User Documentation                          | <a href="#">Notice of installation</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Brass lock nuts, nickel-plated**

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       | SKMU M20 MS                | Version  |
| Order No.  | <a href="#">1737000000</a> | SKMU MS (brass locknut), Locknut, M 20, 3 mm, Brass, nickel-plated |
| GTIN (EAN) | 4008190956479              |  |
| Qty.       | 100 pc(s).                 |  |

**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.  | <a href="#">1185610000</a> | in closed state, M 20, Nylon 6 |
| GTIN (EAN) | 4050118078305              |                                |
| Qty.       | 100 pc(s).                 |                                |