

E1WS/20/M20-WM**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

E1W type cable glands are suitable for SWA steel wired armor cable, E1W 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 | E1W (Klippon double seal SWA armored Ex e/d cable gland), Cable glands, straight, M 20 x 1.5, 16 mm, Single-wire 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. | 1188860000 |
| Type | E1WS/20/M20-WM |
| GTIN (EAN) | 4050118085105 |
| Qty. | 24 pc(s). |

Creation date August 29, 2024 5:30:38 AM CEST

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 | 33 mm | Width (inches) | 1.299 inch |
| Length | 78.5 mm | Length (inches) | 3.091 inch |
| Net weight | 161 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 | 30 mm | AF size 2 | 30 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. | 14 mm | Inner cable diameter, min. | 10 mm |
| Installation guidelines | See assembly instructions | Length of thread | 16 mm |
| Material | Stainless steel 1.4404 | Number of wires | 1 |
| O-Ring | Silicone | Operating temperature range, max. | 120 °C |
| Operating temperature range, min. | -50 °C | Outer cable diameter, max. | 21 mm |
| Outer cable diameter, min. | 15 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, IEC 60079-0, IEC 60079-1, IEC 60079-31, IEC 60079-7, GB 12476.1, GB 12476.5, GB 3836.1, GB 3836.2, GB 3836.3 | Tightening torque | 35 Nm |
| Type of armouring | Single-wire armouring | Type of armouring, short term | SWA |

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 | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant without exemption |

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Technical data

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 |

E1WS/20/M20-WM**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****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 pc(s). | |

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 |
| GTIN (EAN) | 4050118233742 | steel 1.4404 |
| Qty. | 240 pc(s). | |