

E1WS/16/NPT1/2-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, 1/2" NPT, 13.6 mm, Single-wire armouring, 0.9 - 0.9 mm, OD min. 8 - OD max. 13.5 mm, ID min. 4.50 - ID max. 8.70 mm, Stainless steel 1.4404 |
| Order No. | 1188940000 |
| Type | E1WS/16/NPT1/2-WM |
| GTIN (EAN) | 4050118086324 |
| Qty. | 24 pc(s). |

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Catalogue status 18.05.2024 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|------------|-------|-----------------|------------|
| Height | 62 mm | Height (inches) | 2.441 inch |
| Width | 26 mm | Width (inches) | 1.024 inch |
| Length | 78 mm | Length (inches) | 3.071 inch |
| Net weight | 110 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 | 24 mm | AF size 2 | 24 mm |
| Armour, max. | 0.9 mm | Armour, min. | 0.9 mm |
| Cable glands | NPT 1/2" | Explosion protection type | Ex d - flameproof, Ex e - increased safety |
| External thread | 1/2" NPT | Halogen | No |
| Inner cable diameter, max. | 8.7 mm | Inner cable diameter, min. | 4.5 mm |
| Installation guidelines | See assembly instructions | Length of thread | 13.6 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. | 13.5 mm |
| Outer cable diameter, min. | 8 mm | Pitch of thread | 1.81 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 | 18 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 |

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www.weidmueller.com**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 |