

E1WS/40/NPT1-1/4-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 1/4" NPT, 18 mm, Single-wire armouring, 1.6 - 2 mm, OD min. 30.5 - OD max. 40.5 mm, ID min. 25.50 - ID max. 32.20 mm, Stainless steel 1.4404 |
| Order No. | 1188990000 |
| Type | E1WS/40/NPT1-1/4-WM |
| GTIN (EAN) | 4050118086379 |
| Qty. | 4 pc(s). |

Creation date August 29, 2024 7:33:43 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 | 77.5 mm | Height (inches) | 3.051 inch |
| Width | 60.5 mm | Width (inches) | 2.382 inch |
| Length | 93.5 mm | Length (inches) | 3.681 inch |
| Net weight | 630 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 | 55 mm | AF size 2 | 55 mm |
| Armour, max. | 2 mm | Armour, min. | 1.6 mm |
| Cable glands | NPT 1-1/4" | Explosion protection type | Ex d - flameproof, Ex e - increased safety |
| External thread | 1 1/4" NPT | Halogen | No |
| Inner cable diameter, max. | 32.2 mm | Inner cable diameter, min. | 25.5 mm |
| Installation guidelines | See assembly instructions | Length of thread | 18 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. | 40.5 mm |
| Outer cable diameter, min. | 30.5 mm | Pitch of thread | 2.21 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 | 80 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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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 |