

## E1W/63S/NPT2-1/2-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, 2 1/2" NPT, 28.9 mm, Single-wire armouring, 2.5 - 2.5 mm, OD min. 51.5 - OD max. 59.5 mm, ID min. 43.50 - ID max. 50.10 mm, Brass, nickel-plated |
| Order No.       | <a href="#">1184950000</a>   |
| Type            | E1W/63S/NPT2-1/2-WM  |
| GTIN (EAN)      | 4050118074970  |
| Qty.            | 4 items  |
| Delivery status | Discontinued   |
| Last order date | 2024-08-31T00:00:00+02:00  |

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Height     | 78.5 mm | Height (inches) | 3.0905 inch |
| Width      | 83 mm   | Width (inches)  | 3.2677 inch |
| Length     | 97.5 mm | Length (inches) | 3.8386 inch |
| Net weight | 1180 g  |                 |             |

## Temperatures

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

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 0d756fc1-6076-45f4-ae6d-db4288d0aefd |

## Certificate numbers cable gland

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

## General information

|                                   |   |                                   |  |
|-----------------------------------|---|-----------------------------------|--|
| Outer cable diameter, max.        | 59.5 mm   | Outer cable diameter, min.        | 51.5 mm                                    |
| Inner cable diameter, max.        | 50.10 mm  | Inner cable diameter, min.        | 43.50 mm                                   |
| O-Ring                            | Silicone  | Tightening torque                 | 130 Nm                                     |
| Silicone                          | Yes   | Number of wires                   | 1  |
| Armour, max.                      | 2.5 mm  | Armour, min.                      | 2.5 mm                                     |
| Operating temperature range, max. | 120 °C  | Operating temperature range, min. | -50 °C                                     |
| Pitch of thread                   | 3.18 mm   | Halogen                           | No   |
| 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 | AF size 1                         | 75 mm                                      |
| AF size 2                         | 75 mm   | Protection degree                 | IP66, IP68                                 |
| Cable gland                       | NPT 2-1/2"  | Basic material                    | Brass, nickel-plated                       |
| Seal insert                       | Silicone  | Sealing                           | Silicone                                   |
| External thread                   | 2 1/2" NPT  | Length of thread                  | 28.9 mm                                    |
| Type of armouring, short term     | SWA   | Explosion protection type         | Ex d - flameproof, Ex e - increased safety |
| Type of armouring                 | Single-wire armouring   | Installation guidelines           | See assembly instructions                  |

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**Technical data**

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000441    | ETIM 9.0    | EC000441    |
| ETIM 10.0   | EC000441    | ECLASS 14.0 | 27-14-08-04 |
| ECLASS 15.0 | 27-14-08-04 |             |             |