

A2LS/50/M50-WM

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Similar to illustration



A2L type cable glands are suitable for un-armored cable, maintains flameproof Ex d and Increased Safety Ex e explosion protection.

General ordering data

| | |
|------------|---|
| Version | A2L (Klippon unarmored Ex e/d cable gland), Cable glands, straight, M 50 x 1.5, 16 mm, OD min. 37.5 - OD max. 44.1 mm, Stainless steel 1.4404 |
| Order No. | 1185350000 |
| Type | A2LS/50/M50-WM |
| GTIN (EAN) | 4050118080575 |
| Qty. | 6 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Height | 40.8 mm | Height (inches) | 1.6063 inch |
| Length | 58.3 mm | Length (inches) | 2.2953 inch |
| Net weight | 442 g | | |

Temperatures

Operating temperature -50 °C...120 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

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. | 44.1 mm | Outer cable diameter, min. | 37.5 mm |
| O-Ring | Silicone | Tightening torque | 105 Nm |
| Operating temperature range, max. | 120 °C | Operating temperature range, min. | -50 °C |
| Pitch of thread | 1.5 mm | Halogen | No |
| 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 | AF size 1 | 65 mm |
| AF size 2 | 65 mm | Protection degree | IP66, IP68 |
| Basic material | Stainless steel 1.4404 | Seal insert | Silicone |
| Sealing | Silicone | External thread | M 50 x 1.5 |
| Length of thread | 16 mm | Explosion protection type | Ex d - flameproof, Ex e - increased safety |
| Installation guidelines | See assembly instructions | | |

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 | | |

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Accessories

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 M50-W | Version |
| Order No. | 1185730000 | SKMU SS (stainless steel locknut), Locknut, M 50, 5.3 mm, Stainless |
| GTIN (EAN) | 4050118233773 | steel 1.4404 |
| Qty. | 30 ST | |

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 M50-W | Version |
| Order No. | 1185650000 | in closed state, M 50, Nylon 6 |
| GTIN (EAN) | 4050118078312 | |
| Qty. | 25 ST | |