

A2LS/50S/NPT1-1/2-WM**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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, 1 1/2" NPT, 18.4 mm, OD min. 31.5 - OD max. 38.2 mm, Stainless steel 1.4404 |
| Order No. | 1185450000 |
| Type | A2LS/50S/NPT1-1/2-WM |
| GTIN (EAN) | 4050118080780 |
| Qty. | 6 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Height | 43.3 mm | Height (inches) | 1.705 inch |
| Width | 66 mm | Width (inches) | 2.598 inch |
| Length | 59.3 mm | Length (inches) | 2.335 inch |
| Net weight | 460 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 | 60 mm | AF size 2 | 60 mm |
| Cable glands | NPT 1-1/2" | Explosion protection type | Ex d - flameproof, Ex e - increased safety |
| External thread | 1 1/2" NPT | Halogen | No |
| Installation guidelines | See assembly instructions | Length of thread | 18.4 mm |
| Material | Stainless steel 1.4404 | O-Ring | Silicone |
| Operating temperature range, max. | 120 °C | Operating temperature range, min. | -50 °C |
| Outer cable diameter, max. | 38.2 mm | Outer cable diameter, min. | 31.5 mm |
| Pitch of thread | 2.21 mm | Protection degree | IP66, IP68 |
| Seal insert | Silicone | Sealing | Silicone |
| 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 | Tightening torque | 95 Nm |

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 |

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | ATEX certification |
| | IEC Ex certification |
| | CCC approval of Cable glands |
| | CE Declaration of conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | Notice of installation |
| Catalogues | Catalogues in PDF-format |