

**A2LC/25/M25-M25F-WM****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



A2LC type cable glands are suitable for un-armored cable and provide a conduit connection female thread, maintains flameproof Ex d and Increased Safety Ex e explosion protection.

**General ordering data**

|            |  |
|------------|--|
| Version    | A2LC (Klippon unarmored with conduit connection thread, Ex e/d cable gland), Cable glands, straight, M 25 x 1.5, 16 mm, OD min. 13.5 - OD max. 20 mm, Brass, nickel-plated |
| Order No.  | <a href="#">1205120000</a>   |
| Type       | A2LC/25/M25-M25F-WM  |
| GTIN (EAN) | 4050118074628  |
| Qty.       | 12 items   |

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Height     | 53.8 mm | Height (inches) | 2.1181 inch |
| Width      | 39.5 mm | Width (inches)  | 1.5551 inch |
| Length     | 69.8 mm | Length (inches) | 2.748 inch  |
| Net weight | 270 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                                 | 9706e29a-947e-49f2-a4db-8015ded62160 |

### 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.        | 20 mm                                      | Outer cable diameter, min.        | 13.5 mm   |
| O-Ring                            | Silicone                                   | Tightening torque                 | 45 Nm   |
| Silicone                          | Yes  | 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                         | 36 mm                                      | AF size 2                         | 36 mm   |
| Protection degree                 | IP66, IP68                                 | Cable gland                       | M 25  |
| Basic material                    | Brass, nickel-plated                       | Seal insert                       | Silicone  |
| Sealing                           | Silicone                                   | External thread                   | M 25 x 1.5  |
| Length of thread                  | 16 mm                                      | Conduit thread size (metric)      | M25   |
| Explosion protection type         | Ex d - flameproof, Ex e - increased safety | 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 |             |             |

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## Accessories

### 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 M25-W                 | Version |                                |
| Order No.  | <a href="#">1185620000</a> |         | in closed state, M 25, Nylon 6 |
| GTIN (EAN) | 4064675423263              |         |                                |
| Qty.       | 100 ST                     |         |                                |

### Brass lock nuts, nickel-plated



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       | SKMU M25 MS                | Version |  |
| Order No.  | <a href="#">1737010000</a> |         | SKMU MS (brass locknut), Locknut, M 25, 3.5 mm, Brass, nickel-plated |
| GTIN (EAN) | 4008190956486              |         |  |
| Qty.       | 100 ST                     |         |  |