

**VG M25 EXI BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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Polyamide cable glands, which are suitable for usage in explosion risk zones Ex e (increased safety) and Ex i (intrinsic safety).

Weidmüller offers a product family without restrictions and besides compliance with standards, the cable gland excels thanks to its increased impact resistance of 4/7 Joule and a possible temperature range down to -60°C without restrictions. They have been tested to the current standard and EN 60079-0 directive, and besides EAC, they are ATEX and IECEx certified.

**General ordering data**

|            |                                                                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | VG Exi 4J (Ex plastic cable gland 4J Exi), Cable glands, M 25, 10 mm, OD min. 13 - OD max. 18 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| Order No.  | <a href="#">1461070000</a>                                                                                                                              |
| Type       | VG M25 EXI BL                                                                                                                                           |
| GTIN (EAN) | 4050118267129                                                                                                                                           |
| Qty.       | 20 pc(s).                                                                                                                                               |

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Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|            |        |
|------------|--------|
| Net weight | 11.3 g |
|------------|--------|

## Temperatures

|                       |                |
|-----------------------|----------------|
| Operating temperature | -40 °C...80 °C |
|-----------------------|----------------|

## Certificate numbers cable gland

|                                   |                                       |                                     |                    |
|-----------------------------------|---------------------------------------|-------------------------------------|--------------------|
| Approval conditions               | ATEX, IECEX, EAC                      | Certificate no. cable gland (ATEX)  | IMQ 13 ATEX 010 X  |
| Certificate no. cable gland (EAC) | RU C-TR 05.B04161                     | Certificate no. cable gland (IECEX) | IECEX IMQ 13.0003X |
| Identification                    | Ex e IIC Gb, Ex tb IIIC Db<br>IP66/68 |                                     |                    |

## General information

|                                   |                                             |                                   |                                                                                      |
|-----------------------------------|---------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------|
| AF size 1                         | 33 mm                                       | AF size 2                         | 33 mm                                                                                |
| Cable glands                      | metric                                      | Explosion protection type         | Intrinsically safe Ex i                                                              |
| External thread                   | M 25                                        | Impact resistance                 | 4 J ATEX version                                                                     |
| Installation guidelines           | See assembly instructions                   | Length of thread                  | 10 mm                                                                                |
| Material                          | Polyamide 6                                 | Operating temperature range, max. | 80 °C                                                                                |
| Operating temperature range, min. | -40 °C                                      | Outer cable diameter, max.        | 18 mm                                                                                |
| Outer cable diameter, min.        | 13 mm                                       | Pitch of thread                   | 1.5 mm                                                                               |
| Protection degree                 | IP54, IP66, IP67, IP68 - 5<br>bar (30 min.) | Protection degree with GWDR       | IP54, IP66, IP67, IP68 - 5<br>bar (30 min.)                                          |
| Seal insert                       |                                             | Standards                         | IEC 60079-0, IEC<br>60079-7, IEC 60079-31,<br>EN 60079-0, EN 60079-7,<br>EN 60079-31 |
|                                   | CR                                          |                                   |                                                                                      |
| UL 94 flammability rating         | HB                                          |                                   |                                                                                      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000441    | ETIM 7.0    | EC000441    |
| ETIM 8.0    | 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 |             |             |

## Approvals

|           |                               |
|-----------|-------------------------------|
| Approvals | CE; EAC; ATEX; IECEX; INMETRO |
| ROHS      | Conform                       |

## Downloads

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Engineering Data | <a href="#">EPLAN, WSCAD</a>             |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |

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## Accessories

### 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- |
| GTIN (EAN) | 4008190956486              | plated                                                         |
| Qty.       | 100 pc(s).                 |                                                                |

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