

VG M25 EXI BL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration



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, they are ATEX and IECEx certified.

General ordering data

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

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Technical data

Dimensions and weights

| | | | |
|------------|--------|-----------------|------------|
| Height | 40 mm | Height (inches) | 1.575 inch |
| Net weight | 11.3 g | | |

Temperatures

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

Certificate numbers cable gland

| | | | |
|-------------------------------------|--------------------|------------------------------------|---------------------------------------|
| Approval conditions | ATEX, IECEX | Certificate no. cable gland (ATEX) | IMQ 13 ATEX 010 X |
| Certificate no. cable gland (IECEX) | IECEX IMQ 13.0003X | Identification | Ex e IIC Gb, Ex tb IIIC Db 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 | Halogen | Yes |
| 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 bar (30 min.) |
| Protection degree with GWDR | IP54, IP66, IP67, IP68 - 5 bar (30 min.) | Seal insert | CR |
| Standards | IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-31 | UL 94 flammability rating | HB |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000441 | ETIM 7.0 | EC000441 |
| ETIM 8.0 | EC000441 | ETIM 9.0 | EC000441 |
| ETIM 10.0 | 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 | 27-14-08-02 |
| ECLASS 13.0 | 27-14-08-02 | ECLASS 14.0 | 27-14-08-02 |
| ECLASS 15.0 | 27-14-08-02 | | |

Environmental Product Compliance

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

Approvals

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

Downloads

| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |

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