

**VG M20 EXI BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 20, 10 mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| Order No.  | <a href="#">1461050000</a>   |
| Type       | VG M20 EXI BL  |
| GTIN (EAN) | 4050118267228  |
| Qty.       | 20 pc(s).  |

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|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 30 mm   | Height (inches) | 1.181 inch |
| Net weight | 10.95 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<br>IP66/68 |

**General information**

|                                   |  |                                   |   |
|-----------------------------------|--|-----------------------------------|---|
| AF size 1                         | 24 mm  | AF size 2                         | 24 mm                                       |
| Cable glands                      | metric   | Explosion protection type         | Intrinsically safe Ex i                     |
| External thread                   | M 20   | 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.        | 12 mm  | Outer cable diameter, min.        | 6 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                       | CR  |
| Standards                         | IEC 60079-0, IEC<br>60079-7, IEC 60079-31,<br>EN 60079-0, EN 60079-7,<br>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    |
| 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 |

**Approvals**

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

**Downloads**

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