

**VG M50 EXE 31-38 CR7J G4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

Abbildung ähnlich

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 Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M 50, 18 mm, OD min. 31 - OD max. 38 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| Order No.  | <a href="#">2722050000</a>  |
| Type       | VG M50 EXE 31-38 CR7J G4  |
| GTIN (EAN) | 4050118821284   |
| Qty.       | 10 pc(s).   |

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|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 58.1 mm | Height (inches) | 2.287 inch |
| Length     | 54 mm   | Length (inches) | 2.126 inch |
| Net weight | 95 g    |                 |            |

**Temperatures**

|                       |                |
|-----------------------|----------------|
| Operating temperature | -40 °C...70 °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 eb IIC Gb, Ex tb IIIC Db<br>IP66/68 |

**General information**

|                                     |  |                                     |   |
|-------------------------------------|--|-------------------------------------|---|
| AF size 1                           | 60 mm                                    | AF size 2                           | 60 mm   |
| Cable glands                        | metric                                   | Explosion protection type           | Improved safety Ex e  |
| External thread                     | M 50                                     | Halogen                             | Yes   |
| Impact resistance                   | 7 joules in acc. with IEC 60079-0        | Installation guidelines             | See assembly instructions   |
| Length of thread                    | 18 mm                                    | Material                            | Polyamide 6   |
| Operating temperature range, max.   | 70 °C                                    | Operating temperature range, min.   | -40 °C  |
| Outer cable diameter, max.          | 38 mm                                    | Outer cable diameter, min.          | 31 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  |
| Sealing                             | CR                                       | Standards                           | IEC 60079-0, EN 60079-0, IEC 60079-7, EN 60079-7, EN 60079-31, IEC 60079-31 |
| Tightening torque                   | 22 Nm                                    | Torque for cap nut, max.            | 24 Nm   |
| Torque for cap nut, min.            | 20 Nm                                    | Torque for connecting adapter, max. | 24 Nm   |
| Torque for connecting adapter, min. | 20 Nm                                    | 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> |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Plastic lock nuts, black**

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 M50 K SW              | Version   |
| Order No.  | <a href="#">1736970000</a> | SKMU PA (plastic locknut), Locknut, M 50, 8 mm, Polyamid 6 (PA6 - |
| GTIN (EAN) | 4008190956448              | GF30)   |
| Qty.       | 5 pc(s).                   |   |