

VG M20 EXE 7-12 CR7J G4**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 20, 10 mm, OD min. 7 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| Order No. | 2721960000 |
| Type | VG M20 EXE 7-12 CR7J G4 |
| GTIN (EAN) | 4050118820492 |
| Qty. | 50 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Height | 35.8 mm | Height (inches) | 1.409 inch |
| Length | 30 mm | Length (inches) | 1.181 inch |
| Net weight | 12.93 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 IP66/68 |

General information

| | | | |
|-------------------------------------|--|-------------------------------------|---|
| AF size 1 | 24 mm | AF size 2 | 24 mm |
| Cable glands | metric | Explosion protection type | Improved safety Ex e |
| External thread | M 20 | Halogen | Yes |
| Impact resistance | 7 joules in acc. with IEC 60079-0 | Installation guidelines | See assembly instructions |
| Length of thread | 10 mm | Material | Polyamide 6 |
| Operating temperature range, max. | 70 °C | Operating temperature range, min. | -40 °C |
| Outer cable diameter, max. | 12 mm | Outer cable diameter, min. | 7 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 | 5 Nm | Torque for cap nut, max. | 6 Nm |
| Torque for cap nut, min. | 5 Nm | Torque for connecting adapter, max. | 6 Nm |
| Torque for connecting adapter, min. | 5 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 |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant without exemption |

Approvals

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

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Technical data

Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

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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 M20 K SW | Version |
| Order No. | 1736930000 | SKMU PA (plastic locknut), Locknut, M 20, 6 mm, Polyamid 6 (PA6 - |
| GTIN (EAN) | 4008190956400 | GF30) |
| Qty. | 100 pc(s). | |