

VG M25 EXE 14-18 SI7J G4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



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 25, 10 mm, OD min. 14 - OD max. 18 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| Order No. | 2722140000 |
| Type | VG M25 EXE 14-18 SI7J G4 |
| GTIN (EAN) | 4050118821376 |
| Qty. | 25 items |

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Technical data

Approvals

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

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Height | 41.6 mm | Height (inches) | 1.6378 inch |
| Length | 35 mm | Length (inches) | 1.378 inch |
| Net weight | 24 g | | |

Temperatures

| | |
|-----------------------|----------------|
| Operating temperature | -60 °C...70 °C |
|-----------------------|----------------|

Environmental Product Compliance

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

Certificate numbers cable gland

| | | | |
|---------------------|--|---------------------------------------|------------------|
| Identification | Ex eb IIC Gb, Ex tb IIIC Db IP66/68 | Certificate no. cable gland (INMETRO) | DNV 18.0150 X/01 |
| Approval conditions | ATEX, IECEX | | |

General information

| | | | |
|-------------------------------------|--|-------------------------------------|--|
| Outer cable diameter, max. | 18 mm | Outer cable diameter, min. | 14 mm |
| Protection degree with GWDR | IP54, IP66, IP67, IP68 - 5 bar (30 min.) | Tightening torque | 5.5 Nm |
| UL 94 flammability rating | HB | Operating temperature range, max. | 70 °C |
| Operating temperature range, min. | -60 °C | Pitch of thread | 1.5 mm |
| Halogen | No | Standards | IEC 60079-0, EN 60079-0, IEC 60079-7, EN 60079-7, EN 60079-31, IEC 60079-31 |
| Impact resistance | 7 joules in acc. with IEC 60079-0 | AF size 1 | 33 mm |
| AF size 2 | 33 mm | Protection degree | IP54, IP66, IP67, IP68 - 5 bar (30 min.) |
| Cable gland | metric | Basic material | Polyamide 6 |
| Seal insert | Silicone | Sealing | Silicone |
| External thread | M 25 | Length of thread | 10 mm |
| Torque for cap nut, max. | 8.00 Nm | Torque for connecting adapter, max. | 8.00 Nm |
| Torque for connecting adapter, min. | 7.00 Nm | Torque for cap nut, min. | 7.00 Nm |
| Explosion protection type | Improved safety Ex e | Installation guidelines | See assembly instructions |

Classifications

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

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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 M25 K SW | Version | |
| Order No. | 1736940000 | SKMU PA (plastic locknut), Locknut, M 25, 6 mm, Polyamid 6 (PA6 - | |
| GTIN (EAN) | 4008190956417 | GF30) | |
| Qty. | 25 ST | | |