Data sheet

# VG M20 EXE SW

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

www.weidmueller.com



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 4J (Ex plastic cable gland 4J Exe), 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. | 1461140000 |
| Type | VG M20 EXE SW |
| GTIN (EAN) | 4050118267297 |
| Qty. | 20 items |



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# Technical data

### Approvals

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

### Dimensions and weights

| | | | |
|---|---|---|---|
| Height | 30 mm | Height (inches) | 1.1811 inch |
| Net weight | 10 g | | |

### Temperatures

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

### Environmental Product Compliance

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

### Certificate numbers cable gland

| | | | |
|---|---|---|---|
| Identification | Ex e IIC Gb, Ex tb IIIC Db IP66/68 | Certificate no. cable gland (ATEX) | IMQ 13 ATEX 010 X |
| Certificate no. cable gland (IECEx) | IECEx IMQ 13.0003X | Approval conditions | ATEX, IECEX |

### General information

| | | | |
|---|---|---|---|
| Outer cable diameter, max. | 12 mm | Outer cable diameter, min. | 6 mm |
| Protection degree with GWDR | IP54, IP66, IP67, IP68 - 5 bar (30 min.) | UL 94 flammability rating | HB |
| Operating temperature range, max. | 80 °C | Operating temperature range, min. | -40 °C |
| Pitch of thread | 1.5 mm | Halogen | Yes |
| Standards | IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-31 | Impact resistance | 4 J ATEX version |
| AF size 1 | 24 mm | AF size 2 | 24 mm |
| Protection degree | IP54, IP66, IP67, IP68 - 5 bar (30 min.) | Cable gland | metric |
| Basic material | Polyamide 6 | Seal insert | CR |
| External thread | M 20 | Length of thread | 10 mm |
| 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

### Brass lock nuts, nickel-plated



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 MS | Version |
| Order No. | 1737000000 | SKMU MS (brass locknut), Locknut, M 20, 3 mm, Brass, nickel-plated |
| GTIN (EAN) | 4008190956479 | |
| Qty. | 100 ST | |



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