

VG M20 EXE SW

Weidmüller Interfaces GmbH & Co. KG

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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, and besides EAC, 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 pc(s).

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Technical data

Dimensions and weights

Net weight 10.9 g

Temperatures

Operating temperature -40 °C...80 °C

Operating temperature, max. 80 °C

Operating temperature, min. -40 °C

Certificate numbers cable gland

Approval conditions ATEX, IECEX, EAC

Certificate no. cable gland (EAC) RU C-TR 05.B04 16 1

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

General information

AF size 1 24 mm

Cable glands metric

External thread M 20

Impact resistance 4 J ATEX version

Length of thread 10 mm

Operating temperature range, max. 80 °C

Outer cable diameter, max. 12 mm

Pitch of thread 1.5 mm

Protection degree with GWDR IP54, IP66, IP67, IP68 - 5
bar (30 min.)Standards IEC 60079-0, IEC
60079-7, IEC 60079-31,
EN 60079-0, EN 60079-7,
EN 60079-31

AF size 2 24 mm

Explosion protection type Improved safety Ex e

Halogen Yes

Installation guidelines See assembly instructions

Material Polyamide 6

Operating temperature range, min. -40 °C

Outer cable diameter, min. 6 mm

Protection degree IP54, IP66, IP67, IP68 - 5
bar (30 min.)

Seal insert CR

UL 94 flammability rating

HB

Classifications

ETIM 6.0 EC000441

ETIM 8.0 EC000441

ECLASS 9.1 27-14-44-34

ECLASS 11.0 27-14-44-32

ETIM 7.0 EC000441

ECLASS 9.0 27-14-44-32

ECLASS 10.0 27-14-44-32

ECLASS 12.0 27-14-08-02

Approvals

Approvals



Approvals CE; EAC; ATEX; IECEX

ROHS Conform

Downloads

Engineering Data [CAD data – STEP](#)Engineering Data [WSCAD](#)Catalogues [Catalogues in PDF-format](#)

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