

VG M20 EXE SW

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight	10.9 g
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Temperatures

Operating temperature	-40 °C...80 °C	Operating temperature, min.	-40 °C
Operating temperature, max.	80 °C		

Certificate numbers cable gland

Approval conditions	ATEX, IECEX, EAC	Certificate no. cable gland (ATEX)	IMQ 13 ATEX 010 X
Certificate no. cable gland (EAC)	RU C-TR 05.B04 161	Certificate no. cable gland (IECEX)	IECEX IMQ 13.0003X
Identification	Ex e 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	4 J ATEX version	Installation guidelines	See assembly instructions
Length of thread	10 mm	Material	Polyamide 6
Operating temperature range, max.	80 °C	Operating temperature range, min.	-40 °C
Outer cable diameter, max.	12 mm	Outer cable diameter, min.	6 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
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-31	UL 94 flammability rating	HB

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	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

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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