

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, 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
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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.B04161	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	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		Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-31
	CR		
UL 94 flammability rating	HB		

Classifications

ETIM 6.0	EC000441	ETIM 7.0	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

Approvals

Approvals



Approvals	CE, EAC, ATEX, IECEX
ROHS	Conform

Downloads

Engineering Data	STEP
Engineering Data	EPLAN, WSCAD