

**VG Exe 4J (Ex plastic cable gland 4J Exe)
VG M20 EXE SW**

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Polyamide cable glands, which are suitable for usage in explosion risk zones Ex e (increased safety) and Ex i (intrinsic safety).

On account of the enhanced EN60079-0:2009 testing requirements, there is now a version update of the standard (EN60079-0:2012) available.

Weidmüller offers a product family without restrictions and besides compliance with standards, the cable gland excels thanks to its increased impact resistance of 7 Joule and a possible temperature range down to -60°C without restrictions.

They have been tested to the current standard and EN 60079-0:2012 directive, and besides EAC, they are ATEX and IECEx certified.

General ordering data

Type	VG M20 EXE SW
Order No.	1461140000
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
GTIN (EAN)	4050118267297
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Net weight 10.9 g

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	Certificate no. cable gland (EAC)	RU C-TR 05.B04161

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	EN 60079-0 : 2009, EN 60079-7 : 2007, EN 60079-31 : 2009, IEC 60079-0, IEC 60079-7, IEC 60079-31
	CR		
UL 94 flammability rating	HB		

Classifications

ETIM 6.0	EC000441	eClass 6.2	27-14-91-11
eClass 7.1	27-14-91-11	eClass 8.1	27-14-91-11
eClass 9.0	27-14-44-32	eClass 9.1	27-14-44-34

Approvals

Approvals



Approvals	CE; EAC; ATEX; IECEX
ROHS	Conform

Downloads

Engineering Data	EPLAN, WSCAD
Engineering Data	STEP