Cable glands
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	Cable glands, Cable gland, 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 gland	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	CR	Standards	EN 60079-0 : 2009, EN 60079-7 : 2007, EN 60079-31 : 2009, IEC 60079-0, IEC 60079-7, IEC 60079-31
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	27-14-44-34	eClass 9.1	27-14-44-34

Approvals

Approvals	
Approvals	CE; EAC; ATEX; IECEX
ROHS	Conform

Downloads

Engineering Data	EPLAN, WSCAD
Engineering Data	STEP