Cable glands
VG M20 EXE 7-12 CR 7J

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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 7-12 CR 7J
Order No.	2017230000
Version	Cable glands, Cable gland, M 20, 10 mm, OD min. 7 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
GTIN (EAN)	4050118400656
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Length	30 mm	Length (inches)	1.181 inch
Height	30 mm	Height (inches)	1.181 inch
Net weight	11.44 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.B.0840

General information

AF size 1	24 mm	AF size 2	24 mm
Explosion protection type	Improved safety Ex e	External thread	M 20
Impact resistance	7 joules in acc. with IEC60079-0	Installation guidelines	See assembly instructions
Length of thread	10 mm	Material	Polyamide 6
Operating temperature range, max.	70 °C	Operating temperature range, min.	-40 °C
Outer cable diameter, max.	12 mm	Outer cable diameter, min.	7 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
Sealing	CR	Standards	IEC 60079-0, EN 60079-0, IEC 60079-7, EN 60079-7, EN 60079-31, IEC 60079-31
Torque for cap nut, max.	6 Nm	Torque for cap nut, min.	5 Nm
Torque for connecting adapter, max.	6 Nm	Torque for connecting adapter, min.	5 Nm
Torque for lock nut, max.	6 Nm	Torque for lock nut, min.	5 Nm
UL 94 flammability rating	HB		

Classifications

ETIM 6.0	EC000441	eClass 6.2	27-14-91-11
eClass 9.1	27-14-44-34		

Product information

Descriptive text ordering data	Please find installation and torque specifications in the assembly instructions.

Approvals

Approvals	CE; EAC; ATEX; IECEX; INMETRO
ROHS	Conform

Downloads

Brochure/Catalogue	CAT 5 ENCL 17/18 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP