

VG M20 EXE 7-12 CR7J G4**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

Abbildung ähnlich

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 7J (Ex plastic cable gland 7J Exe), Cable glands, M 20, 10 mm, OD min. 7 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	2721960000
Type	VG M20 EXE 7-12 CR7J G4
GTIN (EAN)	4050118820492
Qty.	50 pc(s).

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Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Height	35.8 mm	Height (inches)	1.409 inch
Length	30 mm	Length (inches)	1.181 inch
Net weight	12.93 g		

Temperatures

Operating temperature	-40 °C...70 °C
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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.B.0840	Certificate no. cable gland (IECEX)	IECEX IMQ 13.0003X
Identification	Ex eb 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	7 joules in acc. with IEC 60079-0	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
Tightening torque	5 Nm	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	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	CE; EAC; ATEX; IECEX; INMETRO
ROHS	Conform

Downloads

Engineering Data	STEP
Brochure/Catalogue	Catalogues in PDF-format