Data sheet

VG M20 EXI 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, they are ATEX and IECEx certified.

General ordering data

Version	VG Exi 7J (Ex plastic cable gland 7J Exi), Cable glands, straight, M 20, 10 mm, OD min. 7 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	2722240000
Type	VG M20 EXI 7-12 CR7J G4
GTIN (EAN)	4050118821475
Qty.	50 items

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Technical data

Approvals

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

Dimensions and weights

Height	35.8 mm	Height (inches)	1.4094 inch
Length	30 mm	Length (inches)	1.1811 inch
Net weight	12 g		

Temperatures

Operating temperature	-40 °C...70 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Certificate numbers cable gland

Identification	Ex eb IIC Gb, Ex tb IIIC Db IP66/68	Certificate no. cable gland (ATEX)	IMQ 13 ATEX 010 X
Certificate no. cable gland (INMETRO)	DNV 18.0150 X/01	Certificate no. cable gland (IECEx)	IECEx IMQ 13.0003X
Approval conditions	ATEX, IECEX		

General information

Outer cable diameter, max.	12 mm	Outer cable diameter, min.	7 mm
Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.)	Tightening torque	5 Nm
UL 94 flammability rating	HB	Operating temperature range, max.	70 °C
Operating temperature range, min.	-40 °C	Pitch of thread	1.5 mm
Halogen	Yes	Standards	IEC 60079-0, EN 60079-0, IEC 60079-7, EN 60079-7, EN 60079-31, IEC 60079-31
Impact resistance	7 joules in acc. with IEC 60079-0	AF size 1	24 mm
AF size 2	24 mm	Protection degree	IP54, IP66, IP67, IP68 - 5 bar (30 min.)
Cable gland	metric	Basic material	Polyamide 6
Seal insert	CR	Sealing	CR
External thread	M 20	Length of thread	10 mm
Torque for cap nut, max.	6.00 Nm	Torque for connecting adapter, max.	6.00 Nm
Torque for connecting adapter, min.	5.00 Nm	Torque for cap nut, min.	5.00 Nm
Explosion protection type	Intrinsically safe Ex i	Installation guidelines	See assembly instructions

Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-02

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ECLASS 15.0	27-14-08-02