

VG M12 EXE 4-6.5 CR7J G4

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany

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Product image

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 Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M 12, 10 mm, OD min. 4 - OD max. 6.5 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	2721930000
Type	VG M12 EXE 4-6.5 CR7J G4
GTIN (EAN)	4050118820454
Qty.	100 items

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Technical data

Approvals

Approvals	CE
Approvals	CE; EAC; ATEX; IECEx; INMETRO
Approvals	

ROHS	Conform
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Dimensions and weights

Height	28.3 mm	Height (inches)	1.1142 inch
Length	22 mm	Length (inches)	0.8661 inch
Net weight	4 g		

Temperatures

Operating temperature	-40 °C...70 °C
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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.	6.5 mm	Outer cable diameter, min.	4 mm
Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.)	Tightening torque	2 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	15 mm
AF size 2	15 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 12	Length of thread	10 mm
Torque for cap nut, max.	2.50 Nm	Torque for connecting adapter, max.	2.50 Nm
Torque for connecting adapter, min.	1.50 Nm	Torque for cap nut, min.	1.50 Nm
Explosion protection type	Improved safety Ex e	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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