VG M16 EXE 6-10 CR7J G4

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Similar to illustration

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 16, 10 mm, OD min. 6 - OD max. 10 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	2721950000
Type	VG M16 EXE 6-10 CR7J G4
GTIN (EAN)	4050118820485
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Height	35.2 mm	Height (inches)	1.386 inch
Length	29.5 mm	Length (inches)	1.161 inch
Net weight	10 g		

Temperatures

Operating temperature	-40 °C...70 °C

Certificate numbers cable gland

Approval conditions	ATEX, IECEX	Certificate no. cable gland (ATEX)	IMQ 13 ATEX 010 X
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	22 mm	AF size 2	22 mm
Cable glands	metric	Explosion protection type	Improved safety Ex e
External thread	M 16	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.	10 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
Sealing	CR	Standards	IEC 60079-0, EN 60079-0, IEC 60079-7, EN 60079-7, EN 60079-31, IEC 60079-31
Tightening torque	2.5 Nm	Torque for cap nut, max.	3 Nm
Torque for cap nut, min.	2 Nm	Torque for connecting adapter, max.	3 Nm
Torque for connecting adapter, min.	2 Nm	UL 94 flammability rating	HB

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	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	ECLASS 12.0	27-14-08-02
ECLASS 13.0	27-14-08-02	ECLASS 14.0	27-14-08-02
ECLASS 15.0	27-14-08-02		

Environmental Product Compliance

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

Approvals

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

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Technical data

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Accessories

Plastic lock nuts, black

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	SKMU M16 K SW	Version
Order No.	1736920000	SKMU PA (plastic locknut), Locknut, M 16, 5 mm, Polyamid 6 (PA6 -
GTIN (EAN)	4008190956394	GF30)
Qty.	100 pc(s).	