

**VG M16 EXE 6-10 CR7J G4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 IE-CEx 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.	<a href="#">2721950000</a>
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
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## 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
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

## Approvals

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

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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[www.weidmueller.com](http://www.weidmueller.com)**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.	<a href="#">1736920000</a>	SKMU PA (plastic locknut), Locknut, M 16, 5 mm, Polyamid 6 (PA6 -
GTIN (EAN)	4008190956394	GF30)
Qty.	100 pc(s).	