

**VG Exi 7J (Ex plastic cable gland 7J Exi)
VG M12 EXI 4-6.5 CR 7J**

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Polyamide cable glands, which are suitable for usage in explosion risk zones Ex e (increased safety) and Ex i (intrinsic safety).

On account of the enhanced EN60079-0:2009 testing requirements, there is now a version update of the standard (EN60079-0:2012) available.

Weidmüller offers a product family without restrictions and besides compliance with standards, the cable gland excels thanks to its increased impact resistance of 7 Joule and a possible temperature range down to -60°C without restrictions.

They have been tested to the current standard and EN 60079-0:2012 directive, and besides EAC, they are ATEX and IECEx certified.

General ordering data

Type	VG M12 EXI 4-6.5 CR 7J
Order No.	2017670000
Version	VG Exi 7J (Ex plastic cable gland 7J Exi), Cable glands, M 12, 10 mm, OD min. 4 - OD max. 6.5 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
GTIN (EAN)	4050118400878
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Length	22 mm	Length (inches)	0.866 inch
Height	22 mm	Height (inches)	0.866 inch
Net weight	1.97 g		

General information

Material	Polyamide 6	External thread	M 12
Pitch of thread	1.5 mm	Length of thread	10 mm
AF size 1	15 mm	AF size 2	15 mm
Impact resistance	7 joules in acc. with IEC 60079-0	Protection degree	IP54, IP66, IP67, IP68 - 5 bar (30 min.)
Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.)	Operating temperature range, min.	-40 °C
Operating temperature range, max.	70 °C	Outer cable diameter, min.	4 mm
Outer cable diameter, max.	6.5 mm	UL 94 flammability rating	HB
Seal insert	CR	Sealing	CR
Tightening torque	2 Nm	Torque for cap nut, min.	1.5 Nm
Torque for cap nut, max.	2.5 Nm	Torque for connecting adapter, min.	1.5 Nm
Torque for connecting adapter, max.	2.5 Nm	Torque for lock nut, min.	1.5 Nm
Torque for lock nut, max.	2.5 Nm	Explosion protection type	Intrinsically safe Ex i
Standards	IEC 60079-0, EN 60079-0, IEC 60079-7, EN 60079-7, EN 60079-31, IEC 60079-31	Installation guidelines	See assembly instructions

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		

Approvals

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

Downloads

Brochure/Catalogue	CAT 5 ENCL 17/18 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP