

VG Exe 7J (Ex plastic cable gland 7J Exe) VG M25 EXE 14-18 SI 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 M25 EXE 14-18 SI 7J
Order No.	2017550000
Version	VG Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, M 25, 10 mm, OD min. 14 - OD max. 18 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
GTIN (EAN)	4050118400922
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Length	35 mm	Length (inches)	1.378 inch
Height	35 mm	Height (inches)	1.378 inch
Net weight	21.96 g		

General information

Material	Polyamide 6	External thread	M 25
Pitch of thread	1.5 mm	Length of thread	10 mm
AF size 1	33 mm	AF size 2	33 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.	-60 °C
Operating temperature range, max.	70 °C	Outer cable diameter, min.	14 mm
Outer cable diameter, max.	18 mm	UL 94 flammability rating	HB
Seal insert	Silicone	Sealing	Silicone
Tightening torque	5.5 Nm	Torque for cap nut, min.	7 Nm
Torque for cap nut, max.	8 Nm	Torque for connecting adapter, min.	7 Nm
Torque for connecting adapter, max.	8 Nm	Torque for lock nut, min.	7 Nm
Torque for lock nut, max.	8 Nm	Explosion protection type	Improved safety Ex e
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