VG Exi 7J (Ex plastic cable gland 7J Exi)
VG M40 EXI 23-32 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 M40 EXI 23-32 CR 7J
Order No.	2017780000
Version	VG Exi 7J (Ex plastic cable gland 7J Exi), Cable glands, M 40, 18 mm, OD min. 23 - OD max. 32 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
GTIN (EAN)	4050118400946
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Length	50 mm	Length (inches)	1.969 inch
Height	50 mm	Height (inches)	1.969 inch
Net weight	38 g		

Certificate numbers cable gland

Identification	Ex e IIC Gb, Ex tb IIIC Db IP66/68	Certificate no. cable gland (ATEX)	IMQ 13 ATEX 010 X
Certificate no. cable gland (IECEx)	IECEx IMQ 13.0003X	Certificate no. cable gland (INMETRO)	DNV 12.0051 X
Certificate no. cable gland (EAC)	RU C-TR.ГБ05.B.00840		

General information

AF size 1	53 mm	AF size 2	53 mm
Explosion protection type	Intrinsically safe Ex i	External thread	M 40
Impact resistance	7 joules in acc. with IEC60079-0	Installation guidelines	See assembly instructions
Length of thread	18 mm	Material	Polyamide 6
Operating temperature range, max.	70 °C	Operating temperature range, min.	-40 °C
Outer cable diameter, max.	32 mm	Outer cable diameter, min.	23 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
Torque for cap nut, max.	19 Nm	Torque for cap nut, min.	16 Nm
Torque for connecting adapter, max.	19 Nm	Torque for connecting adapter, min.	16 Nm
Torque for lock nut, max.	19 Nm	Torque for lock nut, min.	16 Nm
UL 94 flammability rating	HB		

Classifications

ETIM 6.0	EC000441	eClass 6.2	27-14-91-11
eClass 9.0	27-14-44-32	eClass 9.1	27-14-44-34

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