

VG M20 EXI BL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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 Exi 4J (Ex plastic cable gland 4J Exi), Cable glands, straight, M 20, 10 mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	1461050000
Type	VG M20 EXI BL
GTIN (EAN)	4050118267228
Qty.	20 items

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Technical data

Approvals

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

Dimensions and weights

Height	30 mm	Height (inches)	1.1811 inch
Net weight	10.95 g		

Temperatures

Operating temperature	-40 °C...80 °C
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Environmental Product Compliance

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

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	Approval conditions	ATEX, IECEX

General information

Outer cable diameter, max.	12 mm	Outer cable diameter, min.	6 mm
Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.)	UL 94 flammability rating	HB
Operating temperature range, max.	80 °C	Operating temperature range, min.	-40 °C
Pitch of thread	1.5 mm	Halogen	Yes
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-31	Impact resistance	4 J ATEX version
AF size 1	24 mm	AF size 2	24 mm
Protection degree	IP54, IP66, IP67, IP68 - 5 bar (30 min.)	Cable gland	metric
Basic material	Polyamide 6	Seal insert	CR
External thread	M 20	Length of thread	10 mm
Explosion protection type	Intrinsically safe Ex i	Installation guidelines	See assembly instructions

Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-02
ECLASS 15.0	27-14-08-02		

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Accessories

Brass lock nuts, nickel-plated



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 M20 MS	Version	
Order No.	1737000000	SKMU MS (brass locknut), Locknut, M 20, 3 mm, Brass, nickel-plated	
GTIN (EAN)	4008190956479		
Qty.	100 ST		