

**VG Exi 4J (Ex plastic cable gland 4J Exi)
VG M20 EXI BL**

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

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Data sheet

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Technical data

Dimensions and weights

Net weight 10.95 g

General information

Material	Polyamide 6	Cable glands	metric
External thread	M 20	Pitch of thread	1.5 mm
Length of thread	10 mm	AF size 1	24 mm
AF size 2	24 mm	Impact resistance	4 J ATEX version
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.	80 °C
Outer cable diameter, min.	6 mm	Outer cable diameter, max.	12 mm
UL 94 flammability rating	HB	Seal insert	CR
Explosion protection type	Intrinsically safe Ex i	Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 60079-0, EN 60079-7, EN 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

Engineering Data [EPLAN, WSCAD](#)
Engineering Data [STEP](#)

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Accessories

Brass nuts, standard, nickel-plated



Weidmüller has a variety of different cable and wire entry systems in the Portfolio: with different designs of plastic, brass and stainless steel cable glands in the IP66, 67, 68 or IP69k protection classes. As a complete alternative to cable glands, pre-assembled cables with modular multi-wire or multi-cable entry systems can be simply and quickly inserted into electrical equipment. Last but not least, Weidmüller offers EX-certified cable glands and cable/wire entry systems.

- Cable glands made from plastic and brass
- EMC screwed joints
- for areas at risk of explosion
- VDE, CSA and UL approvals

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 pc(s).		