

**VG M20 EXI BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

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.	<a href="#">1461050000</a>
Type	VG M20 EXI BL
GTIN (EAN)	4050118267228
Qty.	20 pc(s).

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## Technical data

## Dimensions and weights

Height	30 mm	Height (inches)	1.181 inch
Net weight	10.95 g		

## Temperatures

Operating temperature	-40 °C...80 °C
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## Certificate numbers cable gland

Approval conditions	ATEX, IECEX	Certificate no. cable gland (ATEX)	IMQ 13 ATEX 010 X
Certificate no. cable gland (IECEX)	IECEX IMQ 13.0003X	Identification	Ex e IIC Gb, Ex tb IIIC Db IP66/68

## General information

AF size 1	24 mm	AF size 2	24 mm
Cable glands	metric	Explosion protection type	Intrinsically safe Ex i
External thread	M 20	Halogen	Yes
Impact resistance	4 J ATEX version	Installation guidelines	See assembly instructions
Length of thread	10 mm	Material	Polyamide 6
Operating temperature range, max.	80 °C	Operating temperature range, min.	-40 °C
Outer cable diameter, max.	12 mm	Outer cable diameter, min.	6 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
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-31	UL 94 flammability rating	HB

## Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	EC000441	ETIM 9.0	EC000441
ECLASS 9.0	27-14-44-32	ECLASS 9.1	27-14-44-34
ECLASS 10.0	27-14-44-32	ECLASS 11.0	27-14-44-32
ECLASS 12.0	27-14-08-02	ECLASS 13.0	27-14-08-02

## Approvals

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

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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[www.weidmueller.com](http://www.weidmueller.com)**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.	<a href="#">1737000000</a>	SKMU MS (brass locknut), Locknut, M 20, 3 mm, Brass, nickel-plated
GTIN (EAN)	4008190956479	
Qty.	100 pc(s).	