Data sheet

VG M20 EXE MS

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Brass cable glands which are suitable for usage in explosion risk zone Ex e (Increased safety). They have been tested to the latest norms and standards IEC/EN 60079-0, and also achieved the necessary ATEX certificate.

General ordering data

Version	VG Ex MS (Ex brass cable gland), Cable glands, straight, M 20, 16 mm, OD min. 3 - OD max. 12 mm, IP66, IP68, Brass, nickel-plated
Order No.	1460050000
Type	VG M20 EXE MS
GTIN (EAN)	4050118266085
Qty.	50 items

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Technical data

Approvals

Approvals	CE
Approvals	EAC; ATEX
Approvals	
ROHS	Conform

Dimensions and weights

Height	43 mm	Height (inches)	1.6929 inch
Length	43 mm	Length (inches)	1.6929 inch
Net weight	46.28 g		

Temperatures

Operating temperature	-40 °C...100 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	b5ff1f66-ddba-4739-9fc0-0521ddb52139

Certificate numbers cable gland

Identification	Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db IP66/68	Certificate no. cable gland (ATEX)	IMQ 11 ATEX 038 X
Certificate no. cable gland (GOST)	POCC TR.05.B04161		

General information

Outer cable diameter, max.	12 mm	Outer cable diameter, min.	3 mm
O-Ring	NBR	Protection degree with GWDR	IP66, IP68
Operating temperature range, max.	100 °C	Operating temperature range, min.	-40 °C
Pitch of thread	1.5 mm	Halogen	Yes
Standards	EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-11, EN 60079-31	AF size 1	22 mm
AF size 2	22 mm	Protection degree	IP66, IP68 - 6 bar (30 min.)
Cable gland	metric	Basic material	Brass, nickel-plated
Seal insert	CR	External thread	M 20
Length of thread	16 mm	Note: protection class	Please observe the information in the installation instructions.
Installation guidelines	See assembly instructions	Clamp insert	Neoprene

Important note

Product information	For enclosure wall thicknesses less than or equal to 3 mm (e.g. Klippon STB enclosures), an additional flat gasket must be used - GWDR NP. Additional flat gaskets are included in the packaging unit.

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Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-04
ECLASS 15.0	27-14-08-04		

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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	

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