

VG M16 EXE MS**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

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 16, 16 mm, OD min. 3 - OD max. 12 mm, IP66, IP68, Brass, nickel-plated
Order No.	1460040000
Type	VG M16 EXE MS
GTIN (EAN)	4050118265989
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Height	46 mm	Height (inches)	1.811 inch
Length	46 mm	Length (inches)	1.811 inch
Net weight	50.6 g		

Temperatures

Operating temperature	-40 °C...100 °C
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Certificate numbers cable gland

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

General information

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

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	27-14-08-04	ECLASS 13.0	27-14-08-04

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	b5ff1f66-ddba-4739-9fc0-0521ddb52139

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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Approvals

Approvals	EAC; ATEX
ROHS	Conform

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Catalogue status 18.05.2024 / We reserve the right to make technical changes.

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Technical data

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Engineering Data

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Brochures

VG M16 EXE MS**Weidmüller Interface GmbH & Co. KG**

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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 M16 MS	Version
Order No.	1736990000	SKMU MS (brass locknut), Locknut, M 16, 2.8 mm, Brass, nickel-
GTIN (EAN)	4008190956462	plated
Qty.	100 pc(s).	