

VG M16-1/MS68**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

Version	VG MS (standard brass cable gland), Cable glands, straight, M 16, 7 mm, OD min. 5 - OD max. 10 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Brass, nickel-plated
Order No.	1909910000
Type	VG M16-1/MS68
GTIN (EAN)	4032248536832
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Height	28.5 mm	Height (inches)	1.122 inch
Length	35.5 mm	Length (inches)	1.398 inch
Net weight	26.38 g		

Temperatures

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

Approval conditions	DNV, UL, cULus	Certificate no. cable gland (GERML-LOYD)	E-14047
Certificate no. cable gland (UL)	E-199260	Certificate no. cable gland (cULus)	E-199260

General information

AF size	20 mm	AF size 1	20 mm
AF size 2	20 mm	Cable glands	metric, M 16
Clamp insert	Polyamide	External thread	M 16
Halogen	Yes	Length of thread	7 mm
Material	Brass, nickel-plated	O-Ring	NBR
Operating temperature range, max.	100 °C	Operating temperature range, min.	-40 °C
Outer cable diameter, max.	10 mm	Outer cable diameter, min.	5 mm
Pitch of thread	1.5 mm	Protection class (UL)	Type 4X
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	Sealing	NBR
Tightening torque	7 Nm	Torque for cap nut, max.	8.5 Nm
Torque for cap nut, min.	7.5 Nm	Torque for connecting adapter, max.	4.5 Nm
Torque for connecting adapter, min.	3.5 Nm		

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 9.0	27-14-44-32
ECLASS 9.1	27-14-44-32	ECLASS 10.0	27-14-44-32
ECLASS 11.0	27-14-44-32	ECLASS 12.0	27-14-08-01
ECLASS 13.0	27-14-08-01	ECLASS 14.0	27-14-08-01
ECLASS 15.0	27-14-08-01		

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

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Approvals



Approvals MAMID

https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/

ROHS

Conform

DownloadsApproval/Certificate/Document of Conformity [EU Declaration of Conformity - Standard brass nickel plated cable gland - DE PS2480 210608 003ISS00](#)Engineering Data [CAD data – STEP](#)Catalogues [Catalogues in PDF-format](#)

Brochures