

**VG MS (standard brass cable gland)  
VG M12 - MS 68**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



Screwed joints that comply with the high demands of class of protection IP 68

**General ordering data**

Type	VG M12 - MS 68
Order No.	<a href="#">1772200000</a>
Version	VG MS (standard brass cable gland), Cable glands, M 12, 6 mm, OD min. 3 - OD max. 6.5 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
GTIN (EAN)	4032248129850
Qty.	50 pc(s).

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**Technical data**
**Dimensions and weights**

Length	28 mm	Length (inches)	1.102 inch
Net weight	12.5 g		

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**General information**

Material	Brass, nickel-plated	Cable glands	metric
External thread	M 12	Pitch of thread	1.5 mm
Length of thread	6 mm	AF size 1	14 mm
AF size 2	14 mm	Protection degree	IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K
Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K	Operating temperature range, min.	-40 °C
Operating temperature range, max.	100 °C	Outer cable diameter, min.	3 mm
Outer cable diameter, max.	6.5 mm	Halogen	No
Clamp insert	Polyamide	O-Ring	NBR
Seal insert	CR	Sealing	NBR
Tightening torque	3 Nm	Torque for cap nut, min.	4.5 Nm
Torque for cap nut, max.	5.5 Nm	Torque for connecting adapter, min.	2.5 Nm
Torque for connecting adapter, max.	3.5 Nm		

**Classifications**

ETIM 6.0	EC000441	ETIM 7.0	EC000441
eClass 9.0	27-14-44-32	eClass 9.1	27-14-44-32
eClass 10.0	27-14-44-32	UNSPSC	30-21-18-01

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

Brochure/Catalogue	<a href="#">CAT 3 HDC 17/18 EN</a> <a href="#">CAT 5 ENCL 17/18 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>