

VG M12 - MS 1/EMV**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration****Produktabbildung**

The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

General ordering data

Version	VG EMV GEN 1 (EMC cable gland with clamping cage), Cable glands, M 12, 6, OD min. 3 - OD max. 6.5 mm, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Order No.	1909490000
Type	VG M12 - MS 1/EMV
GTIN (EAN)	4032248536412
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Length	28 mm	Length (inches)	1.102 inch
Net weight	12.62 g		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Certificate numbers cable gland

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

General information

AF size 1	14 mm	Cable glands	metric
Clamp insert	Polyamide	External thread	M 12
Length of thread	6 mm	Material	Brass, nickel-plated
O-Ring	NBR	Operating temperature range, max.	100 °C
Operating temperature range, min.	-40 °C	Outer cable diameter, max.	6.5 mm
Outer cable diameter, min.	3 mm	Pitch of thread	1.5 mm
Protection degree	IP68 - 5 bar (30 min.), IP69K	Protection degree with GWDR	IP68 - 5 bar (30 min.), IP69K
Seal insert	CR	Sealing	NBR
Shield diameter, max.	6.5 mm	Shield diameter, min.	2.5 mm
Tightening torque	5 Nm	Torque for cap nut, max.	8 Nm
Torque for cap nut, min.	6 Nm	Torque for connecting adapter, max.	10 Nm
Torque for connecting adapter, min.	8 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	ECLASS 11.0	27-14-44-32

Approvals

Approvals



ROHS	Conform
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Downloads

Engineering Data	STEP
Engineering Data	EPLAN, WSCAD

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Drawings

