

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, straight, 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

Height	22 mm	Height (inches)	0.866 inch
Length	28 mm	Length (inches)	1.102 inch
Net weight	12.62 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	14 mm	AF size 1	14 mm
AF size 2	14 mm	Cable glands	metric, M 12
Clamp insert	Polyamide	External thread	M 12
Halogen	Yes	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 class (UL)	Type 4X
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.	5.5 Nm
Torque for cap nut, min.	4.5 Nm	Torque for connecting adapter, max.	5.5 Nm
Torque for connecting adapter, min.	4.5 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 - EMC brass nickel plated cable gland - DE PS2480 210608 004ISS00](#)Engineering Data [CAD data – STEP](#)Catalogues [Catalogues in PDF-format](#)

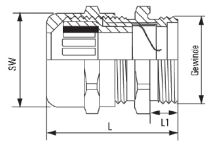
Brochures

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Drawings



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www.weidmueller.com**Accessories****Brass nuts for EMC**

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 EMV M12	Version
Order No.	1777610000	SKMU MS EMV (brass locknut - EMC), Locknut, M 12, 3.6 mm, Brass,
GTIN (EAN)	4032248157884	nickel-plated
Qty.	100 pc(s).	

Polyethylene flat gasket - GWDR PO

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	GWDR M12-PO	Version
Order No.	1777920000	GWDR PO (flat gasket - polyethylene), Sealing ring, M 12, Polyethylene
GTIN (EAN)	4032248158188	
Qty.	50 pc(s).	

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www.weidmueller.com**Accessories****Neoprene flat gasket - GWDR NP**

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	GWDR M12-NP	Version
Order No.	1913320000	GWDR NP (flat gasket - neoprene), Sealing ring, M 12, Neoprene
GTIN (EAN)	4032248543663	
Qty.	50 pc(s).	