

**VG M12 EMV-4 MS 3-6.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 4 (EMC cable gland with clamping cage), Cable glands, straight, M 12, 6, OD min. 3 - OD max. 6.5 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Order No.	<a href="#">2435070000</a>
Type	VG M12 EMV-4 MS 3-6.5
GTIN (EAN)	4050118446494
Qty.	50 pc(s).

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## Technical data

## Dimensions and weights

Height	28 mm	Height (inches)	1.102 inch
Length	34 mm	Length (inches)	1.339 inch
Net weight	0.014 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)	E199260	Certificate no. cable gland (cULus)	E199260

## 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	IP66, IP68 - 5 bar (30 min.), IP69K	Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K
Seal insert	CR	Sealing	NBR
Shield diameter, max.	5 mm	Shield diameter, min.	2 mm
Tightening torque	3 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
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

## Environmental Product Compliance

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

## Approvals

ROHS	Conform
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## Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity - EMC brass nickel plated cable gland - DE PS2480 210608 004ISS00</a>
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Engineering Data	<a href="#">CAD data – STEP</a>
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Catalogues	<a href="#">Catalogues in PDF-format</a>
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Brochures	
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[www.weidmueller.com](http://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.	<a href="#">1777610000</a>	SKMU MS EMV (brass locknut - EMC), Locknut, M 12, 3.6 mm, Brass,
GTIN (EAN)	4032248157884	nickel-plated
Qty.	100 pc(s).	