

## VG M16 EMV-4 MS 5-10

**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 16, 6, OD min. 5 - OD max. 10 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Order No.	<a href="#">2435140000</a>
Type	VG M16 EMV-4 MS 5-10
GTIN (EAN)	4050118446890
Qty.	50 pc(s).

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Length	39 mm	Length (inches)	1.535 inch
Net weight	0.03 g		

### Temperatures

Operating temperature	-40 °C...100 °C	Operating temperature, min.	-40 °C
Operating temperature, max.	100 °C		

### Certificate numbers cable gland

Approval conditions	DNV, UL, cULus	Certificate no. cable gland (GERMILLOYD)	E-14047
Certificate no. cable gland (UL)	E199260	Certificate no. cable gland (cULus)	E199260

### 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	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.	10 mm	Outer cable diameter, min.	5 mm
Pitch of thread	1.5 mm	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
Shield diameter, max.	8 mm	Shield diameter, min.	3.5 mm
Tightening torque	4 Nm	Torque for cap nut, max.	6.5 Nm
Torque for cap nut, min.	5.5 Nm	Torque for connecting adapter, max.	6.5 Nm
Torque for connecting adapter, min.	5.5 Nm		

### Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	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

### Environmental Product Compliance

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

### Approvals

ROHS	Conform
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### Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity - EMC brass nickel plated cable gland - DE PS2480 210608 004ISS00</a>
Engineering Data	<a href="#">CAD data - STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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