

## VG M50 - MS 1/EMV

Weidmüller Interfaces GmbH & Co. KG

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### 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 50, 9, OD min. 27 - OD max. 38 mm, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Order No.	<a href="#">1909550000</a>
Type	VG M50 - MS 1/EMV
GTIN (EAN)	4032248536474
Qty.	5 pc(s).

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## Technical data

## Dimensions and weights

Length	53.5 mm	Length (inches)	2.106 inch
Net weight	273.6 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)	E-199260	Certificate no. cable gland (cULus)	E-199260

## General information

AF size	58 mm	AF size 1	58 mm
Cable glands	metric, M 50	Clamp insert	Polyamide
External thread	M 50	Halogen	Yes
Length of thread	9 mm	Material	Brass, nickel-plated
O-Ring	NBR	Operating temperature range, max.	100 °C
Operating temperature range, min.	-40 °C	Outer cable diameter, max.	38 mm
Outer cable diameter, min.	27 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.	38 mm	Shield diameter, min.	25 mm
Tightening torque	18 Nm	Torque for cap nut, max.	31 Nm
Torque for cap nut, min.	29 Nm	Torque for connecting adapter, max.	18.5 Nm
Torque for connecting adapter, min.	17.5 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

Approvals



ROHS Conform

**Data sheet****VG M50 - MS 1/EMV****Weidmüller Interfaces GmbH & Co. KG**

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[info@weidmueller.com](mailto:info@weidmueller.com)**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity - EMC brass nickel plated cable gland - DE-BS2480 210608 004ISS00</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Drawings**

