

VG M20 - 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 20, 8, OD min. 6 - OD max. 12 mm, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Order No.	1909510000
Type	VG M20 - MS 1/EMV
GTIN (EAN)	4032248536436
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Height	27.5 mm	Height (inches)	1.083 inch
Length	35.5 mm	Length (inches)	1.398 inch
Net weight	32 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	22 mm	AF size 1	22 mm
AF size 2	22 mm	Cable glands	metric, M 20
Clamp insert	Polyamide	External thread	M 20
Halogen	Yes	Length of thread	8 mm
Material	Brass, nickel-plated	O-Ring	NBR
Operating temperature range, max.	100 °C	Operating temperature range, min.	-40 °C
Outer cable diameter, max.	12 mm	Outer cable diameter, min.	6 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.	12 mm	Shield diameter, min.	5 mm
Tightening torque	7.5 Nm	Torque for cap nut, max.	11.5 Nm
Torque for cap nut, min.	10.5 Nm	Torque for connecting adapter, max.	8 Nm
Torque for connecting adapter, min.	7 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

