

VG M20 EMV-4 MS 8-14**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 4 (EMC cable gland with clamping cage), Cable glands, straight, M 20, 8, OD min. 7.5 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Order No.	2435160000
Type	VG M20 EMV-4 MS 8-14
GTIN (EAN)	4050118446913
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Height	40 mm	Height (inches)	1.575 inch
Length	48 mm	Length (inches)	1.89 inch
Net weight	48 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	24 mm	AF size 1	24 mm
AF size 2	24 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.	14 mm	Outer cable diameter, min.	7.5 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.	11.5 mm	Shield diameter, min.	5.5 mm
Tightening torque	5.5 Nm	Torque for cap nut, max.	10.5 Nm
Torque for cap nut, min.	9.5 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	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

Approvals

ROHS	Conform
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Catalogue status 10.05.2025 / We reserve the right to make technical changes.

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Technical data

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity - EMC brass nickel plated cable gland - DE PS2480 210608 004ISS00
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Engineering Data	CAD data – STEP
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Catalogues	Catalogues in PDF-format
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Brochures	
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