Data sheet

VG M20 EMV-4 MS 8-14

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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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 items

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Technical data

Approvals

Approvals	CE
ROHS	Conform

Dimensions and weights

Height	40 mm	Height (inches)	1.5748 inch
Length	48 mm	Length (inches)	1.8898 inch
Net weight	48 g		

Temperatures

Operating temperature	-40 °C...100 °C

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

Certificate numbers cable gland

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

General information

Outer cable diameter, max.	14 mm	Outer cable diameter, min.	7.5 mm
O-Ring	NBR	Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K
Tightening torque	5.5 Nm	Operating temperature range, max.	100 °C
Operating temperature range, min.	-40 °C	Pitch of thread	1.5 mm
Halogen	Yes	Shield diameter, max.	11.50 mm
Shield diameter, min.	5.50 mm	AF size 1	24 mm
AF size 2	24 mm	AF size	24 mm
Protection degree	IP66, IP68 - 5 bar (30 min.), IP69K	Cable gland	metric, M 20
Basic material	Brass, nickel-plated	Seal insert	CR
Sealing	NBR	External thread	M 20
Length of thread	8 mm	Torque for cap nut, max.	10.50 Nm
Protection class (UL)	Type 4X	Torque for connecting adapter, max.	6.50 Nm
Torque for connecting adapter, min.	5.50 Nm	Torque for cap nut, min.	9.50 Nm
Clamp insert	Polyamide		

Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-01
ECLASS 15.0	27-14-08-01		

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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 M20	Version
Order No.	1777630000	SKMU MS EMV (brass locknut - EMC), Locknut, M 20, 3.6 mm, Brass,
GTIN (EAN)	4032248157907	nickel-plated
Qty.	100 ST	

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