

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

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Technical data

Dimensions and weights

Height	54.5 mm	Height (inches)	2.146 inch
Length	53.5 mm	Length (inches)	2.106 inch
Net weight	273.6 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	58 mm	AF size 1	58 mm
AF size 2	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 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.	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	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



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

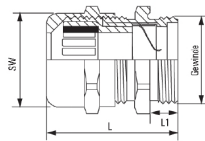
Approval/Certificate/Document of Conformity	EU Declaration of Conformity - EMC brass nickel plated cable gland - DE PS2480 210608 004ISS00
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings



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www.weidmueller.com**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 M50	Version
Order No.	1777670000	SKMU MS EMV (brass locknut - EMC), Locknut, M 50, 4.6 mm, Brass,
GTIN (EAN)	4032248157945	nickel-plated
Qty.	10 pc(s).	

Vulcanised fibre gasket - KSWF

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	KSWF M50	Version
Order No.	1076720000	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 50, Vulcanized
GTIN (EAN)	4032248838646	fibre
Qty.	25 pc(s).	

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www.weidmueller.com**Accessories****Nylon flat gasket - KSWN**

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	KSWN M50	Version
Order No.	0900660000	KSWN (flat gasket - nylon), Sealing ring, M 50, Nylon 6
GTIN (EAN)	4032248850105	
Qty.	25 pc(s).	

Polyethylene flat gasket - GWDR PO

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	GWDR M50-PO	Version
Order No.	1777980000	GWDR PO (flat gasket - polyethylene), Sealing ring, M 50, Polyethylene
GTIN (EAN)	4032248158249	
Qty.	50 pc(s).	

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www.weidmueller.com**Accessories****Neoprene flat gasket - GWDR NP**

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	GWDR M50-NP	Version
Order No.	1736280000	GWDR NP (flat gasket - neoprene), Sealing ring, M 50, Neoprene
GTIN (EAN)	4008190956073	
Qty.	20 pc(s).	