Data sheet

VG M50 - MS 1/EMV

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 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 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Height	54.5 mm	Height (inches)	2.1457 inch
Length	53.5 mm	Length (inches)	2.1063 inch
Net weight	273.6 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)	E-199260
Certificate no. cable gland (cULus)	E-199260	Approval conditions	DNV, UL, cULus

General information

Outer cable diameter, max.	38 mm	Outer cable diameter, min.	27 mm
O-Ring	NBR	Protection degree with GWDR	IP68 - 5 bar (30 min.), IP69K
Tightening torque	18 Nm	Operating temperature range, max.	100 °C
Operating temperature range, min.	-40 °C	Pitch of thread	1.5 mm
Halogen	Yes	Shield diameter, max.	38.00 mm
Shield diameter, min.	25.00 mm	AF size 1	58 mm
AF size 2	58 mm	AF size	58 mm
Protection degree	IP68 - 5 bar (30 min.), IP69K	Cable gland	metric, M 50
Basic material	Brass, nickel-plated	Seal insert	CR
Sealing	NBR	External thread	M 50
Length of thread	9 mm	Torque for cap nut, max.	31.00 Nm
Protection class (UL)	Type 4X	Torque for connecting adapter, max.	18.50 Nm
Torque for connecting adapter, min.	17.50 Nm	Torque for cap nut, min.	29.00 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		

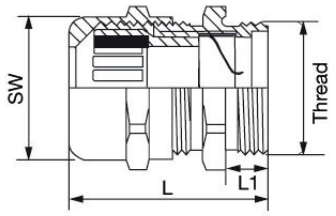
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Drawings



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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 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 ST	

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 ST	

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,
GTIN (EAN)	4032248158249	Polyethylene
Qty.	50 ST	

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Accessories

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 ST	

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 ST	

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