

## VG M40 - MS 1/EMV

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, M 40, 9, OD min. 19 - OD max. 28 mm, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Order No.	<a href="#">1909540000</a>
Type	VG M40 - MS 1/EMV
GTIN (EAN)	4032248536467
Qty.	5 pc(s).

Creation date January 29, 2022 3:15:32 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Length	52 mm	Length (inches)	2.047 inch
Net weight	77.2 g		

## Temperatures

Operating temperature	-40 °C...100 °C
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Certificate numbers cable gland

Approval conditions	DNV, UL, cULus	Certificate no. cable gland (GERMLLOYD)	E-14047
Certificate no. cable gland (UL)	E-199260	Certificate no. cable gland (cULus)	E-199260

## General information

AF size 1	43 mm	Cable glands	metric
Clamp insert	Polyamide	External thread	M 40
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.	28 mm	Outer cable diameter, min.	19 mm
Pitch of thread	1.5 mm	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.	28 mm
Shield diameter, min.	17 mm	Tightening torque	12 Nm
Torque for cap nut, max.	17.5 Nm	Torque for cap nut, min.	16.5 Nm
Torque for connecting adapter, max.	12.5 Nm	Torque for connecting adapter, min.	11.5 Nm

## Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	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		

## Approvals

Approvals



ROHS Conform

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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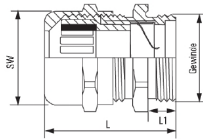
**Data sheet**

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**Drawings**



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## Accessories

### 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 M40-PO	Version
Order No.	<a href="#">1777970000</a>	GWDR PO (flat gasket - polyethylene), Sealing ring, M 40, Polyethylene
GTIN (EAN)	4032248158232	
Qty.	50 pc(s).	

### 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 M40	Version
Order No.	<a href="#">0899780000</a>	KSWN (flat gasket - nylon), Sealing ring, M 40, Nylon 6
GTIN (EAN)	4032248850150	
Qty.	25 pc(s).	

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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 M40	Version
Order No.	<a href="#">1076710000</a>	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 40, Vulcanized
GTIN (EAN)	4032248838639	fibre
Qty.	25 pc(s).	

## 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 M40-NP	Version
Order No.	<a href="#">1736270000</a>	GWDR NP (flat gasket - neoprene), Sealing ring, M 40, Neoprene
GTIN (EAN)	4008190956066	
Qty.	20 pc(s).	

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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 M40	Version
Order No.	<a href="#">1777660000</a>	SKMU MS EMV (brass locknut - EMC), Locknut, M 40, 4.6 mm, Brass,
GTIN (EAN)	4032248157938	nickel-plated
Qty.	10 pc(s).	

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