

**VG M50 - MS 68****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

**General ordering data**

Version	VG MS (standard brass cable gland), Cable glands, straight, M 50, 9 mm, OD min. 22 - OD max. 32 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Brass, nickel-plated
Order No.	<a href="#">1772260000</a>
Type	VG M50 - MS 68
GTIN (EAN)	4032248129911
Qty.	5 pc(s).

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## Technical data

## Dimensions and weights

Height	48 mm	Height (inches)	1.89 inch
Length	57 mm	Length (inches)	2.244 inch
Net weight	280.2 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	50 mm	AF size 1	50 mm
AF size 2	55 mm	Cable glands	M 50
Clamp insert	Polyamide	External thread	M 50
Halogen	Yes	Length of thread	9 mm
Material	Brass, nickel-plated	Operating temperature range, max.	100 °C
Operating temperature range, min.	-40 °C	Outer cable diameter, max.	32 mm
Outer cable diameter, min.	22 mm	Pitch of thread	1.5 mm
Protection class (UL)	Type 4X	Protection degree	IP54, IP66, IP67, IP68 - 5 bar (30 min.)
Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.)	Seal insert	NBR
Sealing	NBR	Tightening torque	18 Nm
Torque for cap nut, max.	43 Nm	Torque for cap nut, min.	41 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
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

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	b5ff1f66-ddba-4739-9fc0-0521ddb52139

## Approvals

Approvals



ROHS	Conform
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## Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity - Standard brass nickel plated cable gland - DE PS2480 210608 003ISS00</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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[www.weidmueller.com](http://www.weidmueller.com)**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 M50-PO	Version
Order No.	<a href="#">1777980000</a>	GWDR PO (flat gasket - polyethylene), Sealing ring, M 50, Polyethylene
GTIN (EAN)	4032248158249	
Qty.	50 pc(s).	

**Brass lock nuts, nickel-plated**

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 M50 MS	Version
Order No.	<a href="#">1737040000</a>	SKMU MS (brass locknut), Locknut, M 50, 5 mm, Brass, nickel-plated
GTIN (EAN)	4008190956516	
Qty.	25 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**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.	<a href="#">1076720000</a>	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 50, Vulcanized
GTIN (EAN)	4032248838646	fibre
Qty.	25 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 M50	Version
Order No.	<a href="#">0900660000</a>	KSWN (flat gasket - nylon), Sealing ring, M 50, Nylon 6
GTIN (EAN)	4032248850105	
Qty.	25 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Brass lock nuts, natural finish**

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 M50 MS SC	Version
Order No.	<a href="#">0930640006</a>	SKMU MS (brass locknut), Locknut, M 50, 5 mm, Brass
GTIN (EAN)	4032248976102	
Qty.	5 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 M50-NP	Version
Order No.	<a href="#">1736280000</a>	GWDR NP (flat gasket - neoprene), Sealing ring, M 50, Neoprene
GTIN (EAN)	4008190956073	
Qty.	20 pc(s).	