

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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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 K (standard plastic cable gland), Cable glands, straight, M 50, 18 mm, OD min. 30 - OD max. 38 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	<a href="#">1772340000</a>
Type	VG M50 - K 68
GTIN (EAN)	4032248130009
Qty.	10 pc(s).

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## Technical data

## Dimensions and weights

Height	53 mm	Height (inches)	2.087 inch
Length	71 mm	Length (inches)	2.795 inch
Net weight	94.6 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 (UL)	E-199260 - BM 19
Certificate no. cable gland (cULus)	E-199260 - BM 19		

## General information

AF size	60 mm	AF size 1	60 mm
Cable glands	metric	External thread	M 50
Halogen	Yes	Length of thread	18 mm
Material		Note: protection class	IP66 applications only possible with sealing ring for threaded connections. Without sealing ring for threaded connections, only IP54 is possible.
	Polyamide 6		
Operating temperature range, max.	100 °C	Operating temperature range, min.	-40 °C
Outer cable diameter, max.	38 mm	Outer cable diameter, min.	30 mm
Pitch of thread	1.5 mm	Protection class (UL)	Type 4X
Protection degree	IP67, IP68 - 5 bar (30 min.)	Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.)
Seal insert	CR	Silicone	No
Standards	EN/IEC 62444	Tightening torque	8 Nm
Torque for cap nut, max.	20 Nm	Torque for cap nut, min.	18 Nm
Torque for connecting adapter, max.	8.5 Nm	Torque for connecting adapter, min.	7.5 Nm
Torque for lock nut, max.	8.5 Nm	Torque for lock nut, min.	7.5 Nm
UL 94 flammability rating	V-2		

## 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	/
RoHS Compliance Status	Compliant without exemption

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of Conformity [EU Declaration of Conformity - Standard plastic cable gland made from Polyamide 6 - DE PS2480 210608 002ISS00](#)

Engineering Data [CAD data – STEP](#)

Catalogues [Catalogues in PDF-format](#)

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).	

**Plastic lock nuts, grey**

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 - K GR	Version
Order No.	<a href="#">1772500000</a>	SKMU PA (plastic locknut), Locknut, M 50, 8 mm, Polyamid 6 (PA6 - GF30)
GTIN (EAN)	4032248130245	
Qty.	10 pc(s).	

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## 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.	<a href="#">1736280000</a>	GWDR NP (flat gasket - neoprene), Sealing ring, M 50, Neoprene
GTIN (EAN)	4008190956073	
Qty.	20 pc(s).	