

**VG 48-K68****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 K (standard plastic cable gland), Cable glands, straight, PG 48, 14 mm, OD min. 34 - OD max. 44 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	<a href="#">1718770000</a>
Type	VG 48-K68
GTIN (EAN)	4008 19035 1977
Qty.	10 pc(s).

Creation date March 12, 2024 5:26:30 PM CET

Catalogue status 09.03.2024 / We reserve the right to make technical changes.

## VG 48-K68

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Height	53.5 mm	Height (inches)	2.106 inch
Length	67.5 mm	Length (inches)	2.657 inch
Net weight	93.8 g		

## Temperatures

Operating temperature	-40 °C...100 °C
-----------------------	-----------------

## Certificate numbers cable gland

Approval conditions	DNV, UL, cULus	Certificate no. cable gland (UL)	E-199260 - BS 20
Certificate no. cable gland (cULus)	E-199260 - BS 20		

## General information

AF size	65 mm	AF size 1	65 mm
Cable glands	PG	External thread	PG 48
Halogen	Yes	Length of thread	14 mm
Material	Polyamide 6	Operating temperature range, max.	100 °C
Operating temperature range, min.	-40 °C	Outer cable diameter, max.	44 mm
Outer cable diameter, min.	34 mm	Pitch of thread	1.59 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	Tightening torque	14 Nm
Torque for cap nut, max.	21 Nm	Torque for cap nut, min.	19 Nm
Torque for connecting adapter, max.	14.5 Nm	Torque for connecting adapter, min.	13.5 Nm
Torque for lock nut, max.	14.5 Nm	Torque for lock nut, min.	13.5 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

## Approvals

Approvals



ROHS Conform

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity - Standard plastic cable gland made from Polyamide 6 - DE PS2480 210608 002ISS00</a>
Engineering Data	<a href="#">CAD data - STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

Creation date March 12, 2024 5:26:30 PM CET

Catalogue status 09.03.2024 / We reserve the right to make technical changes.

## VG 48-K68

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[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 PG48-PO	Version
Order No.	<a href="#">1719530000</a>	GWDR PO (flat gasket - polyethylene), Sealing ring, PG 48,
GTIN (EAN)	4008190352790	Polyethylene
Qty.	5 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 PG48-K GR	Version
Order No.	<a href="#">1719090000</a>	SKMU PA (plastic locknut), Locknut, PG 48, 8 mm, Polyamid 6 (PA6 -
GTIN (EAN)	4008190352318	GF30)
Qty.	25 pc(s).	

**VG 48-K68**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://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 PG48-NP	Version
Order No.	<a href="#">1719630000</a>	GWDR NP (flat gasket - neoprene), Sealing ring, PG 48, Neoprene
GTIN (EAN)	4008190352899	
Qty.	5 pc(s).	