

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.	1718770000
Type	VG 48-K68
GTIN (EAN)	4008190351977
Qty.	10 pc(s).

VG 48-K68

Weidmüller Interface GmbH & 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

Environmental Product Compliance

REACH SVHC	/
------------	---

Approvals

Approvals



ROHS	Conform
------	---------

VG 48-K68

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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	

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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.	1719530000	GWDR PO (flat gasket - polyethylene), Sealing ring, PG 48,
GTIN (EAN)	4008190352790	Polyethylene
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 PG48-NP	Version
Order No.	1719630000	GWDR NP (flat gasket - neoprene), Sealing ring, PG 48, Neoprene
GTIN (EAN)	4008190352899	
Qty.	5 pc(s).	

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****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.	1719090000	SKMU PA (plastic locknut), Locknut, PG 48, 8 mm, Polyamid 6 (PA6 -
GTIN (EAN)	4008190352318	GF30)
Qty.	25 pc(s).	