

VG 21-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 21, 11 mm, OD min. 13 - OD max. 18 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	1569020000
Type	VG 21-K68
GTIN (EAN)	4008190032234
Qty.	25 pc(s).

VG 21-K68

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Height	37 mm	Height (inches)	1.457 inch
Length	48 mm	Length (inches)	1.89 inch
Net weight	20.8 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 16
Certificate no. cable gland (cULus)	E-199260 - BS 16		

General information

AF size	33 mm	AF size 1	33 mm
Cable glands	PG	External thread	PG 21
Halogen	Yes	Length of thread	11 mm
Material	Polyamide 6	Operating temperature range, max.	100 °C
Operating temperature range, min.	-40 °C	Outer cable diameter, max.	18 mm
Outer cable diameter, min.	13 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	8 Nm
Torque for cap nut, max.	6 Nm	Torque for cap nut, min.	5 Nm
Torque for connecting adapter, max.	4 Nm	Torque for connecting adapter, min.	3 Nm
Torque for lock nut, max.	4 Nm	Torque for lock nut, min.	3 Nm
UL 94 flammability rating	V-2		

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	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	ECLASS 14.0	27-14-08-01
ECLASS 15.0	27-14-08-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Creation date May 11, 2025 6:36:27 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

VG 21-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 21-K68**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 PG2 1-NP	Version
Order No.	1719590000	GWDR NP (flat gasket - neoprene), Sealing ring, PG 21, Neoprene
GTIN (EAN)	4008190352851	
Qty.	100 pc(s).	

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 PG2 1-PO	Version
Order No.	1719490000	GWDR PO (flat gasket - polyethylene), Sealing ring, PG 21,
GTIN (EAN)	4008190352752	Polyethylene
Qty.	100 pc(s).	

VG 21-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 PG21-K GR	Version
Order No.	1698220000	SKMU PA (plastic locknut), Locknut, PG 21, 7 mm, Polyamid 6 (PA6 -
GTIN (EAN)	4008190884758	GF30)
Qty.	100 pc(s).	