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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, PG 7, 8 mm, OD min. 3 - OD max. 6.5 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	1568970000
Type	VG 7-K68
GTIN (EAN)	4008190175580
Qty.	100 items

VG 7-K68

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Height	22 mm	Height (inches)	0.8661 inch
Length	30 mm	Length (inches)	1.1811 inch
Net weight	2.9 g		

Temperatures

Operating temperature -40 °C...100 °C

Environmental Product Compliance

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

Certificate numbers cable gland

Certificate no. cable gland (UL)	E-199260 - BS 11	Certificate no. cable gland (cULus)	E-199260 - BS 11
Approval conditions	DNV, UL, cULus		

General information

Outer cable diameter, max.	6.5 mm	Outer cable diameter, min.	3 mm
Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.)	Tightening torque	1.5 Nm
Silicone	No	UL 94 flammability rating	V-2
Operating temperature range, max.	100 °C	Operating temperature range, min.	-40 °C
Pitch of thread	1.27 mm	Halogen	Yes
AF size 1	15 mm	AF size	15 mm
Protection degree	IP67, IP68 - 5 bar (30 min.)	Cable gland	PG
Basic material	Polyamide 6	Seal insert	CR
External thread	PG 7	Length of thread	8 mm
Torque for cap nut, max.	2.50 Nm	Torque for lock nut, min.	1.00 Nm
Protection class (UL)	Type 4X	Torque for connecting adapter, max.	2.00 Nm
Torque for connecting adapter, min.	1.00 Nm	Torque for cap nut, min.	1.50 Nm
Torque for lock nut, max.	2.00 Nm		

Classifications

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

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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 PG7-K GR	Version	
Order No.	1697440000	SKMU PA (plastic locknut), Locknut, PG 7, 5 mm, Polyamid 6 (PA6 -	
GTIN (EAN)	4008190880552	GF30)	
Qty.	100 ST		

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 PG7-NP	Version	
Order No.	1719540000	GWDR NP (flat gasket - neoprene), Sealing ring, PG 7, Neoprene	
GTIN (EAN)	4008190352806		
Qty.	100 ST		

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 PG7-PO	Version	
Order No.	1719440000	GWDR PO (flat gasket - polyethylene), Sealing ring, PG 7, Polyethylene	
GTIN (EAN)	4008190352691		
Qty.	100 ST		