

VG M12-1/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, M 12, 8 mm, OD min. 3 - OD max. 6.5 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	1772280000
Type	VG M12-1/K68
GTIN (EAN)	4032248129935
Qty.	100 items

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Height	22.5 mm	Height (inches)	0.8858 inch
Length	30.5 mm	Length (inches)	1.2008 inch
Net weight	3.5 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 - BM 1S	Certificate no. cable gland (cULus)	E-199260 - BM 1S
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	2 Nm
Silicone	No	UL 94 flammability rating	V-2
Operating temperature range, max.	100 °C	Operating temperature range, min.	-40 °C
Pitch of thread	1.5 mm	Halogen	Yes
Standards	EN/IEC 62444	AF size 1	15 mm
AF size	15 mm	Protection degree	IP67, IP68 - 5 bar (30 min.)
Cable gland	metric	Basic material	Polyamide 6
Seal insert	CR	External thread	M 12
Length of thread	8 mm	Torque for cap nut, max.	2.50 Nm
Torque for lock nut, min.	1.50 Nm	Note: protection class	IP66 applications only possible with sealing ring for threaded connections. Without sealing ring for threaded connections, only IP54 is possible.
Protection class (UL)	Type 4X	Torque for connecting adapter, max.	2.50 Nm
Torque for connecting adapter, min.	1.50 Nm	Torque for cap nut, min.	1.50 Nm
Torque for lock nut, max.	2.50 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		

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 M12 - K GR	Version	
Order No.	1772440000	SKMU PA (plastic locknut), Locknut, M 12, 5 mm, Polyamid 6 (PA6 -	
GTIN (EAN)	4032248130184	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 M12-NP	Version	
Order No.	1913320000	GWDR NP (flat gasket - neoprene), Sealing ring, M 12, Neoprene	
GTIN (EAN)	4032248543663		
Qty.	50 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 M12-PO	Version	
Order No.	1777920000	GWDR PO (flat gasket - polyethylene), Sealing ring, M 12,	
GTIN (EAN)	4032248158188	Polyethylene	
Qty.	50 ST		