Data sheet

VG M12 - MS 68

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

www.weidmueller.com



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 MS (standard brass cable gland), Cable glands, straight, M 12, 6 mm, OD min. 3 - OD max. 6.5 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Order No.	1772200000
Type	VG M12 - MS 68
GTIN (EAN)	4032248129850
Qty.	50 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Height	22 mm	Height (inches)	0.8661 inch
Length	28 mm	Length (inches)	1.1024 inch
Net weight	10.72 g		

Temperatures

Operating temperature	-40 °C...100 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	b5ff1f66-ddba-4739-9fc0-0521ddb52139

Certificate numbers cable gland

Certificate no. cable gland (GERMLLOYD)	E-14047	Certificate no. cable gland (UL)	E-199260
Certificate no. cable gland (cULus)	E-199260	Approval conditions	DNV, UL, cULus

General information

Outer cable diameter, max.	6.5 mm	Outer cable diameter, min.	3 mm
O-Ring	NBR	Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K
Tightening torque	3 Nm	Operating temperature range, max.	100 °C
Operating temperature range, min.	-40 °C	Pitch of thread	1.5 mm
Halogen	Yes	AF size 1	14 mm
AF size 2	14 mm	AF size	14 mm
Protection degree	IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K	Cable gland	metric, M 12
Basic material	Brass, nickel-plated	Seal insert	CR
Sealing	NBR	External thread	M 12
Length of thread	6 mm	Torque for cap nut, max.	5.50 Nm
Protection class (UL)	Type 4X	Torque for connecting adapter, max.	3.50 Nm
Torque for connecting adapter, min.	2.50 Nm	Torque for cap nut, min.	4.50 Nm
Clamp insert	Polyamide		

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

Brass lock nuts, nickel-plated



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 MS	Version
Order No.	1772360000	SKMU MS (brass locknut), Locknut, M 12, 2.8 mm, Brass, nickel-
GTIN (EAN)	4032248130108	plated
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	

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