

VG M12-1/K68

Weidmüller Interfaces GmbH & Co. KG

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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 pc(s).

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Technical data
Dimensions and weights

Length	30.5 mm	Length (inches)	1.201 inch
Net weight	3.5 g		

Temperatures

Operating temperature	-40 °C...100 °C	Operating temperature, min.	-40 °C
Operating temperature, max.	100 °C		

Certificate numbers cable gland

Approval conditions	DNV, UL, cULus	Certificate no. cable gland (UL)	E-199260 - BM 1S
Certificate no. cable gland (cULus)	E-199260 - BM 1S		

General information

AF size	15 mm	AF size 1	15 mm
Cable glands	metric	External thread	M 12
Halogen	Yes	Length of thread	8 mm
Material		Note: protection class	IP66 applications only possible with sealing ring for threaded connections. Without sealing ring for threaded connections, only IP54 is possible.
	Polyamide 6		
Operating temperature range, max.	100 °C	Operating temperature range, min.	-40 °C
Outer cable diameter, max.	6.5 mm	Outer cable diameter, min.	3 mm
Pitch of thread		Protection degree	IP67, IP68 - 5 bar (30 min.)
	1.5 mm	Seal insert	CR
Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.)	Standards	EN/IEC 62444
Silicone	No	Torque for cap nut, max.	2.5 Nm
Tightening torque	2 Nm	Torque for connecting adapter, max.	2.5 Nm
Torque for cap nut, min.	1.5 Nm	Torque for lock nut, max.	2.5 N/m
Torque for connecting adapter, min.	1.5 Nm	UL 94 flammability rating	V-2
Torque for lock nut, min.	1.5 N/m		

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	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

Approvals

Approvals



ROHS Conform

Data sheet**VG M12-1/K68****Weidmüller Interfaces GmbH & Co. KG**

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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
Engineering Data	WSCAD
Catalogues	Catalogues in PDF-format
Brochures	