

VG M20-1/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 20, 10 mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
Order No.	1772300000
Type	VG M20-1/K68
GTIN (EAN)	4032248129966
Qty.	50 pc(s).

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Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Height	29.5 mm	Height (inches)	1.161 inch
Length	39.5 mm	Length (inches)	1.555 inch
Net weight	11.04 g		

Temperatures

Operating temperature	-40 °C...100 °C
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Certificate numbers cable gland

Approval conditions	DNV, UL, cULus	Certificate no. cable gland (UL)	E-199260 - BM 12
Certificate no. cable gland (cULus)	E-199260 - BM 12		

General information

AF size	24 mm	AF size 1	24 mm
Cable glands	metric	External thread	M 20
Halogen	Yes	Length of thread	10 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.	12 mm	Outer cable diameter, min.	6 mm
Pitch of thread	1.5 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
Standards	EN/IEC 62444	Tightening torque	3.5 Nm
Torque for cap nut, max.	4.5 Nm	Torque for cap nut, min.	3.5 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
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		

Environmental Product Compliance

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

Data sheet**VG M20-1/K68****Weidmüller Interface GmbH & Co. KG**
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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/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](#)

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