

**Cable glands
VG M20-1/K68**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Screwed joints that comply with the high demands of class of protection IP 68

General ordering data

Type	VG M20-1/K68
Order No.	1772300000
Version	Cable glands, Cable gland, M 20, 10 mm, OD min. 6.00 - OD max. 12.00 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
GTIN (EAN)	4032248129966
Qty.	50 pc(s).

Cable glands
VG M20-1/K68

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**Dimensions and weights**

Length	39.5 mm	Length (inches)	1.555 inch
Net weight	10.3 g		

General information

AF size 1	24 mm	Cable gland	metric
External thread	M 20	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.	-30 °C
Outer cable diameter, max.	12 mm	Outer cable diameter, min.	6 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.)	Torque for cap nut, max.	5.5 Nm
Standards	DIN EN 62444, EN 62444, IEC 62444	Torque for connecting adapter, max.	5 Nm
Torque for cap nut, min.	4.5 Nm	UL 94 flammability rating	V-2
Torque for connecting adapter, min.	2 Nm		

Classifications

ETIM 3.0	EC000441	ETIM 4.0	EC000441
ETIM 5.0	EC000441	ETIM 6.0	EC000441
UNSPSC	30-21-18-01	eClass 5.1	27-14-91-09
eClass 6.2	27-14-91-09	eClass 7.1	27-14-91-09
eClass 8.1	27-14-91-09	eClass 9.0	27-14-44-32
eClass 9.1	27-14-44-32		

Product information

Descriptive text ordering data	Long-thread version on request, halogen-free without sealing ring
Descriptive text technical data	Version with moulded sealing lip Length L varies depending on the cable diameter used

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue	CAT 3 HDC 17/18 EN CAT 5 ENCL 17/18 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

Creation date June 7, 2018 10:51:31 AM CEST

Catalogue status 05.06.2018 / We reserve the right to make technical changes.

2

Data sheet

**Cable glands
VG M20-1/K68**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Accessories

GWDR - neoprene flat gasket

The range of cable glands is rounded off by a large number of accessories.



General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
GWDR M20-NP	1736240000	Accessories, Sealing ring, M 20, Neoprene	4008190956035	50 pc(s).

Cable glands

Extensive range of accessories for the FieldPower® boxes.
Cable seals, plug-in connectors, locking elements and much more.



General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SKMU M20-K GR	1772460000	Accessories, Locknut, M 20, 6 mm, Polyamid 6 (PA6 - GF30)	4032248130207	100 pc(s).

GWDR - Polyethylene flat gasket

The range of cable glands is rounded off by a large number of accessories.



General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
GWDR M20-PO	1777940000	Accessories, Sealing ring, M 20, Polyethylene	4032248158201	100 pc(s).