

**Cable glands  
VG 7-MS68**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com



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

**General ordering data**

Type	VG 7-MS68
Order No.	<a href="#">1569060000</a>
Version	Cable glands, Cable gland, PG 7, 6 mm, OD min. 3.00 - OD max. 6.50 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
GTIN (EAN)	4008190107055
Qty.	50 pc(s).

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**Technical data**

**Dimensions and weights**

Length	28 mm	Length (inches)	1.102 inch
Net weight	13.6 g		

**General information**

AF size 1	14 mm	AF size 2	14 mm
Cable gland	PG	Clamp insert	Polyamide
External thread	PG 7	Length of thread	6 mm
Material	Brass, nickel-plated	O-Ring	NBR
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
Protection degree	IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K	Protection degree with GWDR	IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K
Seal insert	CR	Sealing	NBR
Torque for cap nut, max.	5.5 Nm	Torque for cap nut, min.	4.5 Nm
Torque for connecting adapter, max.	3.5 Nm	Torque for connecting adapter, min.	2.5 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 VDE for metric version
Descriptive text technical data	Length "L" varies depending on the cable diameter used; IP69K applies to all metric cable glands; the following thread sizes PG29, PG36, PG42 and PG48 are excluded from IP69K.
Descriptive text accessories	For cable gland tools see the chapter "Tools", p. N.81

**Approvals**

Approvals



ROHS Conform

**Downloads**

Brochure/Catalogue	<a href="#">CAT 3 HDC 17/18 EN</a> <a href="#">CAT 5 ENCL 17/18 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

**Data sheet**

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**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 PG7- NP	<a href="#">1719540000</a>	Accessories, Sealing ring, PG 7, Neoprene	4008190352806	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 PG7- PO	<a href="#">1719440000</a>	Accessories, Sealing ring, PG 7, Polyethylene	4008190352691	100 pc(s).

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**Accessories**

**Brass nuts, standard, nickel-plated**



Weidmüller has a variety of different cable and wire entry systems in the Portfolio: with different designs of plastic, brass and stainless steel cable glands in the IP66, 67, 68 or IP69k protection classes. As a complete alternative to cable glands, pre-assembled cables with modular multi-wire or multi-cable entry systems can be simply and quickly inserted into electrical equipment. Last but not least, Weidmüller offers EX-certified cable glands and cable/wire entry systems.

- Cable glands made from plastic and brass
- EMC screwed joints
- for areas at risk of explosion
- VDE, CSA and UL approvals

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
SKMU PG7-MS	<a href="#">1694070000</a>	Accessories, Locknut, PG 7, 4008190872236		100 pc(s).
		2.8 mm, Brass, nickel-plated		