

**Cable glands
VG M20 - MS 68**

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



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

General ordering data

| | |
|------------|---|
| Type | VG M20 - MS 68 |
| Order No. | 1772220000 |
| Version | Cable glands, Cable gland, M 20, 8 mm, OD min. 6.00 - OD max. 12.00 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated |
| GTIN (EAN) | 4032248129874 |
| Qty. | 50 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Length | 34.5 mm | Length (inches) | 1.358 inch |
| Net weight | 28.2 g | | |

General information

| | | | |
|-------------------------------------|---|-------------------------------------|---|
| AF size 1 | 22 mm | AF size 2 | 22 mm |
| Cable gland | metric | Clamp insert | Polyamide |
| External thread | M 20 | Length of thread | 8 mm |
| Material | Brass, nickel-plated | O-Ring | NBR |
| 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 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. | 9 Nm |
| Torque for cap nut, min. | 7 Nm | Torque for connecting adapter, max. | 6 Nm |
| Torque for connecting adapter, min. | 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. |

Approvals

Approvals



ROHS Conform

Downloads

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

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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 M20 MS | 1737000000 | Accessories, Locknut, M 20, 3 mm, Brass, nickel- plated | 4008190956479 | 100 pc(s). |

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). |

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Accessories

Klippon® KSWF vulcanised fibre



The KSWF is a flat seal made from fibre material suitable for optional large-surface sealing of cable glands on enclosures or electrical cabinets.

General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|----------|----------------------------|--|---------------|-----------|
| KSWF M20 | 0899750000 | Accessories, Sealing ring, M 20, Vulcanized fibre | 4032248850174 | 25 pc(s). |

Brass nuts, standard, natural



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- 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 M20 MS SC | 0930640002 | Accessories, Locknut, M 20, 4 mm, Brass | 4032248849826 | 50 pc(s). |

Data sheet

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Accessories

GWDR - Polyethylene flat gasket

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General ordering data

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

Klippon® KSWN Nylon

The KSWN is a flat seal made from nylon suitable for optional large-surface sealing of cable glands on enclosures or electrical cabinets.



General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|----------|----------------------------|---|---------------|-----------|
| KSWN M20 | 0930730002 | Accessories, Sealing ring, M 20, Nylon 6 | 4032248849802 | 25 pc(s). |