

VG M20 - MS 68

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 MS (standard brass cable gland), Cable glands, straight, M 20, 8 mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated |
| Order No. | 1772220000 |
| Type | VG M20 - MS 68 |
| GTIN (EAN) | 4032248129874 |
| Qty. | 50 pc(s). |

Creation date November 26, 2024 12:01:45 PM CET

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

Temperatures

| | |
|-----------------------|-----------------|
| Operating temperature | -40 °C...100 °C |
|-----------------------|-----------------|

Certificate numbers cable gland

| | | | |
|----------------------------------|----------------|--|----------|
| Approval conditions | DNV, UL, cULus | Certificate no. cable gland (GERML-LOYD) | E-14047 |
| Certificate no. cable gland (UL) | E-199260 | Certificate no. cable gland (cULus) | E-199260 |

General information

| | | | |
|-------------------------------------|---|-------------------------------------|---|
| AF size | 22 mm | AF size 1 | 22 mm |
| AF size 2 | 22 mm | Cable glands | metric, M 20 |
| Clamp insert | Polyamide | External thread | M 20 |
| Halogen | Yes | 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 class (UL) | Type 4X |
| 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 |
| Tightening torque | 5.5 Nm | Torque for cap nut, max. | 8.5 Nm |
| Torque for cap nut, min. | 7.5 Nm | Torque for connecting adapter, max. | 6 Nm |
| Torque for connecting adapter, min. | 5 Nm | | |

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 with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | b5ff1f66-ddba-4739-9fc0-0521ddb52139 |

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

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www.weidmueller.com**Technical data****Downloads**

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity - Standard brass nickel plated cable gland - DE PS2480 210608 003ISS00 |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | |