

VG M20 - MS 1/EMV

Weidmüller Interfaces GmbH & Co. KG

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Similar to illustration



Produktabbildung

The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

General ordering data

| | |
|------------|--|
| Version | VG EMV GEN 1 (EMC cable gland with clamping cage), Cable glands, straight, M 20, 8, OD min. 6 - OD max. 12 mm, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated |
| Order No. | 1909510000 |
| Type | VG M20 - MS 1/EMV |
| GTIN (EAN) | 4032248536436 |
| Qty. | 50 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Length | 35.5 mm | Length (inches) | 1.398 inch |
| Net weight | 32 g | | |

Temperatures

| | | | |
|-----------------------------|-----------------|-----------------------------|--------|
| Operating temperature | -40 °C...100 °C | Operating temperature, min. | -40 °C |
| Operating temperature, max. | 100 °C | | |

Certificate numbers cable gland

| | | | |
|----------------------------------|----------------|--|----------|
| Approval conditions | DNV, UL, cULus | Certificate no. cable gland (GERMILLOYD) | 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 |
| 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 degree | IP68 - 5 bar (30 min.), IP69K | Protection degree with GWDR | IP68 - 5 bar (30 min.), IP69K |
| Seal insert | CR | Sealing | NBR |
| Shield diameter, max. | 12 mm | Shield diameter, min. | 5 mm |
| Tightening torque | 7.5 Nm | Torque for cap nut, max. | 11.5 Nm |
| Torque for cap nut, min. | 10.5 Nm | Torque for connecting adapter, max. | 8 Nm |
| Torque for connecting adapter, min. | 7 Nm | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000441 | ETIM 7.0 | EC000441 |
| ETIM 8.0 | 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 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | b5ff1f66-ddba-4739-9fc0-0521ddb52139 |

Approvals

Approvals



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

Data sheet**VG M20 - MS 1/EMV****Weidmüller Interfaces GmbH & Co. KG**

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info@weidmueller.com**Technical data****Downloads**

| | |
|---|--|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity - EMC brass nickel plated cable gland - DE-BS2480 210608 004ISS00 |
| Engineering Data | CAD data - STEP |
| Engineering Data | WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

Data sheet

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Drawings

