

VGM20-SS 68 KB 6-12**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 S (standard stainless steel cable gland), Cable glands, straight, M 20, 8 mm, OD min. 6 - OD max. 12 mm, Stainless steel 1.4305 (303) |
| Order No. | 1009860000 |
| Type | VGM20-SS 68 KB 6-12 |
| GTIN (EAN) | 4032248714681 |
| Qty. | 50 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|------------|
| Height | 30 mm | Height (inches) | 1.181 inch |
| Length | 32 mm | Length (inches) | 1.26 inch |
| Net weight | 24 g | | |

Temperatures

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

Certificate numbers cable gland

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

General information

| | | | |
|-------------------------------------|---------|-------------------------------------|---|
| AF size | 22 mm | AF size 1 | 22 mm |
| AF size 2 | 22 mm | Cable glands | metric, M 20 |
| External thread | M 20 | Halogen | Yes |
| Length of thread | 8 mm | Material | Stainless steel 1.4305 (303) |
| 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 |
| Seal insert | CR | Sealing | NBR |
| Tightening torque | 8 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 without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Approvals

Approvals



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

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Catalogue status 26.11.2024 / We reserve the right to make technical changes.

Data sheet**VGM20-SS 68 KB 6-12****Weidmüller Interface GmbH & Co. KG**

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| | |
|---|--|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity - Standard stainless steel cable gland made from 1.405 (303) stainless steel - DoC DE PS2480 2 10608 001ISS00 |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | |