

**VG K (standard plastic cable gland)  
VG M20-1/K68**

**Weidmüller Interface GmbH & Co. KG**  
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Screwed joints that comply with the high demands of class of protection IP 68

**General ordering data**

|            |  |
|------------|--|
| Type       | VG M20-1/K68   |
| Order No.  | <a href="#">1772300000</a>   |
| Version    | VG K (standard plastic cable gland), Cable glands, M 20, 10 mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| GTIN (EAN) | 4032248129966  |
| Qty.       | 50 pc(s).  |

Creation date July 8, 2020 11:03:52 AM CEST

Catalogue status 08.07.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Length     | 39.5 mm | Length (inches) | 1.555 inch |
| Net weight | 10.3 g  |                 |            |

**Certificate numbers cable gland**

|   |                |                                   |          |
|---|----------------|-----------------------------------|----------|
| Approval conditions                     | DNV, UL, cULus | Certificate no. cable gland (CSA) | 115116   |
| Certificate no. cable gland (GERMLLOYD) | E-14046        | Certificate no. cable gland (UL)  | E-199260 |
| Certificate no. cable gland (cULus)     | E-199260       |                                   |          |

**General information**

|                                     |                              |                                     |   |
|-------------------------------------|------------------------------|-------------------------------------|---|
| Material                            | Polyamide 6                  | Cable glands                        | metric  |
| External thread                     | M 20                         | Pitch of thread                     | 1.5 mm  |
| Length of thread                    | 10 mm                        | AF size 1                           | 24 mm   |
| Protection degree                   | IP67, IP68 - 5 bar (30 min.) | Protection degree with GWDR         | IP54, IP66, IP67, IP68 - 5 bar (30 min.)  |
| Operating temperature range, min.   | -40 °C                       | Operating temperature range, max.   | 100 °C  |
| Outer cable diameter, min.          | 6 mm                         | Outer cable diameter, max.          | 12 mm   |
| UL 94 flammability rating           | V-2                          | Halogen                             | Yes   |
| Seal insert                         | CR                           | Tightening torque                   | 3.5 Nm  |
| Torque for cap nut, min.            | 5 Nm                         | Torque for cap nut, max.            | 6 Nm  |
| Torque for connecting adapter, min. | 5 Nm                         | Torque for connecting adapter, max. | 6 Nm  |
| Torque for lock nut, min.           | 5 Nm                         | Torque for lock nut, max.           | 6 Nm  |
| Standards                           | EN/IEC 62444                 | Note: protection class              | IP66 applications only possible with sealing ring for threaded connections. Without sealing ring for threaded connections, only IP54 is possible. |

**Classifications**

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC000441    | ETIM 7.0   | EC000441    |
| eClass 9.0  | 27-14-44-32 | eClass 9.1 | 27-14-44-32 |
| eClass 10.0 | 27-14-44-32 | UNSPSC     | 30-21-18-01 |

**Approvals**

Approvals



ROHS Conform

**Downloads**

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