

## VG 9-K68

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://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 K (standard plastic cable gland), Cable glands, straight, PG 9, 8 mm, OD min. 4 - OD max. 8 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| Order No.  | <a href="#">1568980000</a>   |
| Type       | VG 9-K68   |
| GTIN (EAN) | 4008190136673  |
| Qty.       | 50 items   |

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Height     | 26.5 mm | Height (inches) | 1.0433 inch |
| Length     | 34.5 mm | Length (inches) | 1.3583 inch |
| Net weight | 6 g     |                 |             |

### Temperatures

Operating temperature -40 °C...100 °C

### Environmental Product Compliance

RoHS Compliance Status Compliant without exemption  
 REACH SVHC No SVHC above 0.1 wt%

### Certificate numbers cable gland

|                                  |                  |                                     |                  |
|----------------------------------|------------------|-------------------------------------|------------------|
| Certificate no. cable gland (UL) | E-199260 - BS 12 | Certificate no. cable gland (cULus) | E-199260 - BS 12 |
| Approval conditions              | DNV, UL, cULus   |                                     |                  |

### General information

|                                     |  |                                     |         |
|-------------------------------------|--|-------------------------------------|---------|
| Outer cable diameter, max.          | 8 mm                                     | Outer cable diameter, min.          | 4 mm    |
| Protection degree with GWDR         | IP54, IP66, IP67, IP68 - 5 bar (30 min.) | Tightening torque                   | 1.5 Nm  |
| Silicone                            | No                                       | UL 94 flammability rating           | V-2     |
| Operating temperature range, max.   | 100 °C                                   | Operating temperature range, min.   | -40 °C  |
| Pitch of thread                     | 1.41 mm                                  | Halogen                             | Yes     |
| AF size 1                           | 19 mm                                    | AF size                             | 19 mm   |
| Protection degree                   | IP67, IP68 - 5 bar (30 min.)             | Cable gland                         | PG      |
| Basic material                      | Polyamide 6                              | Seal insert                         | CR      |
| External thread                     | PG 9                                     | Length of thread                    | 8 mm    |
| Torque for cap nut, max.            | 3.00 Nm                                  | Torque for lock nut, min.           | 1.00 Nm |
| Protection class (UL)               | Type 4X                                  | Torque for connecting adapter, max. | 2.00 Nm |
| Torque for connecting adapter, min. | 1.00 Nm                                  | Torque for cap nut, min.            | 2.00 Nm |
| Torque for lock nut, max.           | 2.00 Nm                                  |                                     |         |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000441    | ETIM 9.0    | EC000441    |
| ETIM 10.0   | EC000441    | ECLASS 14.0 | 27-14-08-01 |
| ECLASS 15.0 | 27-14-08-01 |             |             |