

**VG M40 - MS 1/EMV**
**Weidmüller Interface GmbH & Co. KG**

 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://www.weidmueller.com)
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## 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 40, 9, OD min. 19 - OD max. 28 mm, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated |
| Order No.  | <a href="#">1909540000</a>  |
| Type       | VG M40 - MS 1/EMV   |
| GTIN (EAN) | 4032248536467   |
| Qty.       | 5 items   |

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

|            |        |                 |             |
|------------|--------|-----------------|-------------|
| Height     | 43 mm  | Height (inches) | 1.6929 inch |
| Length     | 52 mm  | Length (inches) | 2.0472 inch |
| Net weight | 77.2 g |                 |             |

### Temperatures

Operating temperature -40 °C...100 °C

### 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 |

### Certificate numbers cable gland

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

### General information

|                                     |                               |                                     |                               |
|-------------------------------------|-------------------------------|-------------------------------------|-------------------------------|
| Outer cable diameter, max.          | 28 mm                         | Outer cable diameter, min.          | 19 mm                         |
| O-Ring                              | NBR                           | Protection degree with GWDR         | IP68 - 5 bar (30 min.), IP69K |
| Tightening torque                   | 12 Nm                         | Operating temperature range, max.   | 100 °C                        |
| Operating temperature range, min.   | -40 °C                        | Pitch of thread                     | 1.5 mm                        |
| Halogen                             | Yes                           | Shield diameter, max.               | 28.00 mm                      |
| Shield diameter, min.               | 17.00 mm                      | AF size 1                           | 43 mm                         |
| AF size 2                           | 43 mm                         | AF size                             | 43 mm                         |
| Protection degree                   | IP68 - 5 bar (30 min.), IP69K | Cable gland                         | metric, M 40                  |
| Basic material                      | Brass, nickel-plated          | Seal insert                         | CR                            |
| Sealing                             | NBR                           | External thread                     | M 40                          |
| Length of thread                    | 9 mm                          | Torque for cap nut, max.            | 17.50 Nm                      |
| Protection class (UL)               | Type 4X                       | Torque for connecting adapter, max. | 12.50 Nm                      |
| Torque for connecting adapter, min. | 11.50 Nm                      | Torque for cap nut, min.            | 16.50 Nm                      |
| Clamp insert                        | Polyamide                     |                                     |                               |

### 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 |             |             |

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**Drawings**

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