

**VG MS (standard brass cable gland)**  
**VG M40-1/MS68****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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Screwed joints that comply with the high demands of class of protection IP 68

**General ordering data**

|            |                                                                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | VG M40-1/MS68                                                                                                                                            |
| Order No.  | <a href="#">1909940000</a>                                                                                                                               |
| Version    | VG MS (standard brass cable gland), Cable glands, M 40, 9 mm, OD min. 19 - OD max. 28 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Brass, nickel-plated |
| GTIN (EAN) | 4032248536863                                                                                                                                            |
| Qty.       | 10 pc(s).                                                                                                                                                |

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## Technical data

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Length     | 52.5 mm | Length (inches) | 2.067 inch |
| Net weight | 76.1 g  |                 |            |

### Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

### General information

|                                     |                                          |                                     |                                          |
|-------------------------------------|------------------------------------------|-------------------------------------|------------------------------------------|
| AF size 1                           | 43 mm                                    | AF size 2                           | 43 mm                                    |
| Cable glands                        | metric                                   | Clamp insert                        | Polyamide                                |
| External thread                     | M 40                                     | Length of thread                    | 9 mm                                     |
| Material                            | Brass, nickel-plated                     | O-Ring                              | NBR                                      |
| Operating temperature range, max.   | 100 °C                                   | Operating temperature range, min.   | -40 °C                                   |
| Outer cable diameter, max.          | 28 mm                                    | Outer cable diameter, min.          | 19 mm                                    |
| Pitch of thread                     | 1.5 mm                                   | Protection degree                   | IP54, IP66, IP67, IP68 - 5 bar (30 min.) |
| Protection degree with GWDR         | IP54, IP66, IP67, IP68 - 5 bar (30 min.) | Seal insert                         | CR                                       |
| Sealing                             | NBR                                      | Torque for cap nut, max.            | 23 Nm                                    |
| Torque for cap nut, min.            | 21 Nm                                    | Torque for connecting adapter, max. | 13.5 Nm                                  |
| Torque for connecting adapter, min. | 10.5 Nm                                  |                                     |                                          |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000441    | ETIM 4.0   | EC000441    |
| ETIM 5.0   | EC000441    | ETIM 6.0   | EC000441    |
| UNSPSC     | 30-21-18-01 | eClass 5.1 | 27-14-91-09 |
| eClass 6.2 | 27-14-91-09 | eClass 7.1 | 27-14-91-09 |
| eClass 8.1 | 27-14-91-09 | eClass 9.0 | 27-14-44-32 |
| eClass 9.1 | 27-14-44-32 |            |             |

### 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>                                              |
| Engineering Data   | <a href="#">STEP</a>                                                      |