

**VG M50 EMV-4 MS 30-38****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration****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 4 (EMC cable gland with clamping cage), Cable glands, straight, M 50, 9, OD min. 30 - OD max. 38 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated |
| Order No.  | <a href="#">2435200000</a>  |
| Type       | VG M50 EMV-4 MS 30-38   |
| GTIN (EAN) | 4050118446951   |
| Qty.       | 5 pc(s).  |

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## Technical data

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 53 mm   | Height (inches) | 2.087 inch |
| Length     | 62 mm   | Length (inches) | 2.441 inch |
| Net weight | 0.414 g |                 |            |

### Temperatures

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

### Certificate numbers cable gland

|                                  |                |  |         |
|----------------------------------|----------------|--|---------|
| Approval conditions              | DNV, UL, cULus | Certificate no. cable gland (GERML-LOYD) | E-14047 |
| Certificate no. cable gland (UL) | E199260        | Certificate no. cable gland (cULus)      | E199260 |

### General information

|                                     |                                     |                                     |   |
|-------------------------------------|-------------------------------------|-------------------------------------|---|
| AF size                             | 58 mm                               | AF size 1                           | 58 mm   |
| AF size 2                           | 58 mm                               | Cable glands                        | metric, M 50                                    |
| Clamp insert                        | Polyamide                           | External thread                     | M 50  |
| Halogen                             | Yes                                 | 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.          | 38 mm                               | Outer cable diameter, min.          | 30 mm   |
| Pitch of thread                     | 1.5 mm                              | Protection class (UL)               | Type 4X   |
| Protection degree                   | IP66, IP68 - 5 bar (30 min.), IP69K | Protection degree with GWDR         | IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K |
| Seal insert                         | CR                                  | Sealing                             | NBR   |
| Shield diameter, max.               | 34 mm                               | Shield diameter, min.               | 26 mm   |
| Tightening torque                   | 18 Nm                               | Torque for cap nut, max.            | 43 Nm   |
| Torque for cap nut, min.            | 41 Nm                               | Torque for connecting adapter, max. | 18.5 Nm   |
| Torque for connecting adapter, min. | 17.5 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 |

### Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | b5ff1f66-ddba-4739-9fc0-0521ddb52139 |

### Approvals

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

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## Technical data

### Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity - EMC brass nickel plated cable gland - DE PS2480 210608 004ISS00</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                                   |  |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Brass nuts for EMC**

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | SKMU EMV M50               | Version  |
| Order No.  | <a href="#">1777670000</a> | SKMU MS EMV (brass locknut - EMC), Locknut, M 50, 4.6 mm, Brass, |
| GTIN (EAN) | 4032248157945              | nickel-plated  |
| Qty.       | 10 pc(s).                  |  |