

**VG M40 - K 68****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, M 40, 18 mm, OD min. 22 - OD max. 32 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| Order No.  | <a href="#">1772330000</a>  |
| Type       | VG M40 - K 68   |
| GTIN (EAN) | 4032248129997   |
| Qty.       | 10 pc(s).   |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 51.5 mm | Height (inches) | 2.028 inch |
| Length     | 69.5 mm | Length (inches) | 2.736 inch |
| Net weight | 76 g    |                 |            |

## Temperatures

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

## Certificate numbers cable gland

|                                     |                  |                                  |                  |
|-------------------------------------|------------------|----------------------------------|------------------|
| Approval conditions                 | DNV, UL, cULus   | Certificate no. cable gland (UL) | E-199260 - BM 18 |
| Certificate no. cable gland (cULus) | E-199260 - BM 18 |                                  |                  |

## General information

|                                     |  |                                     |                              |
|-------------------------------------|--|-------------------------------------|------------------------------|
| AF size                             | 53 mm                                    | AF size 1                           | 53 mm                        |
| Cable glands                        | metric                                   | External thread                     | M 40                         |
| Halogen                             | Yes                                      | Length of thread                    | 18 mm                        |
| Material                            | Polyamide 6                              | Operating temperature range, max.   | 100 °C                       |
| Operating temperature range, min.   | -40 °C                                   | Outer cable diameter, max.          | 32 mm                        |
| Outer cable diameter, min.          | 22 mm                                    | Pitch of thread                     | 1.5 mm                       |
| Protection class (UL)               | Type 4X                                  | Protection degree                   | IP67, IP68 - 5 bar (30 min.) |
| Protection degree with GWDR         | IP54, IP66, IP67, IP68 - 5 bar (30 min.) | Seal insert                         | CR                           |
| Silicone                            | No                                       | Standards                           | EN/IEC 62444                 |
| Tightening torque                   | 5 Nm                                     | Torque for cap nut, max.            | 20.5 Nm                      |
| Torque for cap nut, min.            | 19.5 Nm                                  | Torque for connecting adapter, max. | 5.5 Nm                       |
| Torque for connecting adapter, min. | 4.5 Nm                                   | Torque for lock nut, max.           | 5.5 Nm                       |
| Torque for lock nut, min.           | 4.5 Nm                                   | UL 94 flammability rating           | V-2                          |

## 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 | / |
|------------|---|

## Approvals

Approvals



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

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## Technical data

### Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity - Standard plastic cable gland made from Polyamide 6 - DE PS2480 210608 002ISS00</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****Polyethylene flat gasket - GWDR PO**

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       | GWDR M40-PO                | Version  |
| Order No.  | <a href="#">1777970000</a> | GWDR PO (flat gasket - polyethylene), Sealing ring, M 40, Polyethylene |
| GTIN (EAN) | 4032248158232              |  |
| Qty.       | 50 pc(s).                  |  |

**Neoprene flat gasket - GWDR NP**

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       | GWDR M40-NP                | Version  |
| Order No.  | <a href="#">1736270000</a> | GWDR NP (flat gasket - neoprene), Sealing ring, M 40, Neoprene |
| GTIN (EAN) | 4008190956066              |  |
| Qty.       | 20 pc(s).                  |  |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Plastic lock nuts, grey**

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 M40 - K GR            | Version   |
| Order No.  | <a href="#">1772490000</a> | SKMU PA (plastic locknut), Locknut, M 40, 7 mm, Polyamid 6 (PA6 - |
| GTIN (EAN) | 4032248130238              | GF30)   |
| Qty.       | 50 pc(s).                  |   |