Data sheet

# VGM12-SS 68 KB 3-6.5

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

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 S (standard stainless steel cable gland), Cable glands, straight, M 12, 6 mm, OD min. 3 - OD max. 6.5 mm, Stainless steel 1.4305 (303) |
| Order No. | 1009840000 |
| Type | VGM12-SS 68 KB 3-6.5 |
| GTIN (EAN) | 4032248714667 |
| Qty. | 50 items |



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# Data sheet

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# Technical data

### Approvals

| | |
|---|---|
| Approvals | CE |
| ROHS | Conform |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Height | 22 mm | Height (inches) | 0.8661 inch |
| Length | 28 mm | Length (inches) | 1.1024 inch |
| Net weight | 11 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 (GERMLLOYD) | E-14047 | Certificate no. cable gland (UL) | E-199260 |
| Approval conditions | UL, DNV | | |

### General information

| | | | |
|---|---|---|---|
| Outer cable diameter, max. | 6.5 mm | Outer cable diameter, min. | 3 mm |
| O-Ring | NBR | Tightening torque | 5.5 Nm |
| Operating temperature range, max. | 100 °C | Operating temperature range, min. | -40 °C |
| Pitch of thread | 1.5 mm | Halogen | Yes |
| AF size 1 | 14 mm | AF size 2 | 14 mm |
| AF size | 14 mm | Protection degree | IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K |
| Cable gland | metric, M 12 | Basic material | Stainless steel 1.4305 (303) |
| Seal insert | CR | Sealing | NBR |
| External thread | M 12 | Length of thread | 6 mm |
| Torque for cap nut, max. | 5.50 Nm | Protection class (UL) | Type 4X |
| Torque for connecting adapter, max. | 3.50 Nm | Torque for connecting adapter, min. | 2.50 Nm |
| Torque for cap nut, min. | 4.50 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 | | |



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# Accessories

## Brass lock nuts, nickel-plated



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 M12 MS | Version |
| Order No. | 1772360000 | SKMU MS (brass locknut), Locknut, M 12, 2.8 mm, Brass, nickel- |
| GTIN (EAN) | 4032248130108 | plated |
| Qty. | 100 ST | |

## 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 M12-NP | Version |
| Order No. | 1913320000 | GWDR NP (flat gasket - neoprene), Sealing ring, M 12, Neoprene |
| GTIN (EAN) | 4032248543663 | |
| Qty. | 50 ST | |

## 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 M12-PO | Version |
| Order No. | 1777920000 | GWDR PO (flat gasket - polyethylene), Sealing ring, M 12, |
| GTIN (EAN) | 4032248158188 | Polyethylene |
| Qty. | 50 ST | |



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