

VGM12-MS54 ZE 5,0-7,0**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 MS ZE (standard brass cable gland strain relief), Cable glands, straight, M 12, 5 mm, OD min. 5 - OD max. 7 mm, IP65, Brass, nickel-plated |
| Order No. | 1778420000 |
| Type | VGM12-MS54 ZE 5,0-7,0 |
| GTIN (EAN) | 4032248161430 |
| Qty. | 50 pc(s). |

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| | | | |
|------------|---------|-----------------|------------|
| Height | 22 mm | Height (inches) | 0.866 inch |
| Length | 27 mm | Length (inches) | 1.063 inch |
| Net weight | 18.88 g | | |

Temperatures

| | |
|-----------------------|----------------|
| Operating temperature | -20 °C...80 °C |
|-----------------------|----------------|

General information

| | | | |
|-------------------------------------|---------|-------------------------------------|----------------------|
| AF size | 14 mm | AF size 1 | 16 mm |
| AF size 2 | 14 mm | Cable glands | metric, M 12 |
| Clamping range, strain relief, max. | 8 mm | Clamping range, strain relief, min. | 5.8 mm |
| External thread | M 12 | Halogen | No |
| Length of thread | 5 mm | Material | Brass, nickel-plated |
| Operating temperature range, max. | 80 °C | Operating temperature range, min. | -20 °C |
| Outer cable diameter, max. | 7 mm | Outer cable diameter, min. | 5 mm |
| Pitch of thread | 1.5 mm | Protection degree | IP54 |
| Protection degree with GWDR | IP65 | Seal insert | NBR |
| Sealing | NBR | Torque for cap nut, max. | 5.33 Nm |
| Torque for cap nut, min. | 5.33 Nm | Torque for connecting adapter, max. | 8 Nm |
| Torque for connecting adapter, min. | 8 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 |
|------|---------|

Downloads

| | |
|------------|--|
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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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 M12-PO | Version |
| Order No. | 1777920000 | GWDR PO (flat gasket - polyethylene), Sealing ring, M 12, Polyethylene |
| GTIN (EAN) | 4032248158188 | |
| 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 M12-NP | Version |
| Order No. | 1913320000 | GWDR NP (flat gasket - neoprene), Sealing ring, M 12, Neoprene |
| GTIN (EAN) | 4032248543663 | |
| Qty. | 50 pc(s). | |

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www.weidmueller.com**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 pc(s). | |