

VG M25 - MS 1/EMV

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

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 1 (EMC cable gland with clamping cage), Cable glands, straight, M 25, 8, OD min. 11 - OD max. 17 mm, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated |
| Order No. | 1909520000 |
| Type | VG M25 - MS 1/EMV |
| GTIN (EAN) | 4032248536443 |
| Qty. | 25 items |

VG M25 - MS 1/EMV

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Height | 30.7 mm | Height (inches) | 1.2087 inch |
| Length | 38.7 mm | Length (inches) | 1.5236 inch |
| Net weight | 50.64 g | | |

Temperatures

Operating temperature -40 °C...100 °C

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | b5ff1f66-ddba-4739-9fc0-0521ddb52139 |

Certificate numbers cable gland

| | | | |
|---|----------|----------------------------------|----------------|
| Certificate no. cable gland (GERMLLOYD) | E-14047 | Certificate no. cable gland (UL) | E-199260 |
| Certificate no. cable gland (cULus) | E-199260 | Approval conditions | DNV, UL, cULus |

General information

| | | | |
|-------------------------------------|-------------------------------|-------------------------------------|-------------------------------|
| Outer cable diameter, max. | 17 mm | Outer cable diameter, min. | 11 mm |
| O-Ring | NBR | Protection degree with GWDR | IP68 - 5 bar (30 min.), IP69K |
| Tightening torque | 8 Nm | Operating temperature range, max. | 100 °C |
| Operating temperature range, min. | -40 °C | Pitch of thread | 1.5 mm |
| Halogen | Yes | Shield diameter, max. | 17.00 mm |
| Shield diameter, min. | 9.50 mm | AF size 1 | 27 mm |
| AF size 2 | 27 mm | AF size | 27 mm |
| Protection degree | IP68 - 5 bar (30 min.), IP69K | Cable gland | metric, M 25 |
| Basic material | Brass, nickel-plated | Seal insert | CR |
| Sealing | NBR | External thread | M 25 |
| Length of thread | 8 mm | Torque for cap nut, max. | 14.50 Nm |
| Protection class (UL) | Type 4X | Torque for connecting adapter, max. | 8.50 Nm |
| Torque for connecting adapter, min. | 7.50 Nm | Torque for cap nut, min. | 13.50 Nm |
| Clamp insert | Polyamide | | |

Classifications

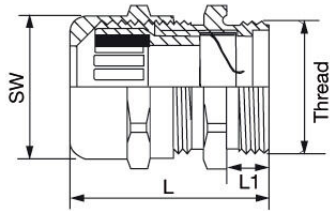
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000441 | ETIM 9.0 | EC000441 |
| ETIM 10.0 | EC000441 | ECLASS 14.0 | 27-14-08-01 |
| ECLASS 15.0 | 27-14-08-01 | | |

VG M25 - MS 1/EMV

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

Drawings

www.weidmueller.com



VG M25 - MS 1/EMV

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

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 M25 | Version | |
| Order No. | 1777640000 | SKMU MS EMV (brass locknut - EMC), Locknut, M 25, 3.6 mm, Brass, | |
| GTIN (EAN) | 4032248 1579 14 | nickel-plated | |
| Qty. | 50 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 M25-NP | Version | |
| Order No. | 1736250000 | GWDR NP (flat gasket - neoprene), Sealing ring, M 25, Neoprene | |
| GTIN (EAN) | 4008190956042 | | |
| Qty. | 100 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 M25-PO | Version | |
| Order No. | 1777950000 | GWDR PO (flat gasket - polyethylene), Sealing ring, M 25, | |
| GTIN (EAN) | 4032248 1582 18 | Polyethylene | |
| Qty. | 50 ST | | |

VG M25 - MS 1/EMV

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

www.weidmueller.com

Accessories

Vulcanised fibre gasket - KSWF



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 | KSWF M25 | Version | |
| Order No. | 0899770000 | KSWF (flat gasket - vulcanised fibre), Sealing ring, M 25, Vulcanized | |
| GTIN (EAN) | 4032248850167 | fibre | |
| Qty. | 25 ST | | |

Nylon flat gasket - KSWN



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 | KSWN M25 | Version | |
| Order No. | 1076640000 | KSWN (flat gasket - nylon), Sealing ring, M 25, Nylon 6 | |
| GTIN (EAN) | 4032248838684 | | |
| Qty. | 25 ST | | |