

**VG M16 - 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 16, 7, OD min. 5 - OD max. 10 mm, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Order No.	<a href="#">1909500000</a>
Type	VG M16 - MS 1/EMV
GTIN (EAN)	4032248536429
Qty.	50 items

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Height	31 mm	Height (inches)	1.2205 inch
Length	36 mm	Length (inches)	1.4173 inch
Net weight	27.22 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.	10 mm	Outer cable diameter, min.	5 mm
O-Ring	NBR	Protection degree with GWDR	IP68 - 5 bar (30 min.), IP69K
Tightening torque	7 Nm	Operating temperature range, max.	100 °C
Operating temperature range, min.	-40 °C	Pitch of thread	1.5 mm
Halogen	Yes	Shield diameter, max.	10.00 mm
Shield diameter, min.	4.00 mm	AF size 1	20 mm
AF size 2	20 mm	AF size	20 mm
Protection degree	IP68 - 5 bar (30 min.), IP69K	Cable gland	metric, M 16
Basic material	Brass, nickel-plated	Seal insert	CR
Sealing	NBR	External thread	M 16
Length of thread	7 mm	Torque for cap nut, max.	8.50 Nm
Protection class (UL)	Type 4X	Torque for connecting adapter, max.	7.50 Nm
Torque for connecting adapter, min.	6.50 Nm	Torque for cap nut, min.	7.50 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		

**Drawings**



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## 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 M16	Version	
Order No.	<a href="#">1777620000</a>	SKMU MS EMV (brass locknut - EMC), Locknut, M 16, 3.6 mm, Brass,	
GTIN (EAN)	4032248157891	nickel-plated	
Qty.	100 ST		

### Blanking plugs



For sealing surplus threaded holes to maintain the IP class of protection

### General ordering data

Type	GWDR M16-NP	Version	
Order No.	<a href="#">1736230000</a>	GWDR NP (flat gasket - neoprene), Sealing ring, M 16, Neoprene	
GTIN (EAN)	4008190956028		
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 M16-PO	Version	
Order No.	<a href="#">1777930000</a>	GWDR PO (flat gasket - polyethylene), Sealing ring, M 16,	
GTIN (EAN)	4032248158195	Polyethylene	
Qty.	50 ST		

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**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 M16	Version	
Order No.	<a href="#">1076680000</a>		KSWF (flat gasket - vulcanised fibre), Sealing ring, M 16, Vulcanized
GTIN (EAN)	4032248838615		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 M16	Version	
Order No.	<a href="#">1076630000</a>		KSWN (flat gasket - nylon), Sealing ring, M 16, Nylon 6
GTIN (EAN)	4032248838677		
Qty.	25 ST		