VG M16 - MS 1/EMV

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.	1909500000
Type	VG M16 - MS 1/EMV
GTIN (EAN)	4032248536429
Qty.	50 items

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VG M16 - MS 1/EMV

Technical data

Approvals

Approvals	CE
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		

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Drawings

VG M16 - MS 1/EMV

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.	1777620000	SKMU MS EMV (brass locknut - EMC), Locknut, M 16, 3.6 mm, Brass,	
GTIN (EAN)	4032248157891	nickel-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 M16-NP	Version	
Order No.	1736230000	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.	1777930000	GWDR PO (flat gasket - polyethylene), Sealing ring, M 16,	
GTIN (EAN)	4032248158195	Polyethylene	
Qty.	50 ST		

VG M16 - MS 1/EMV

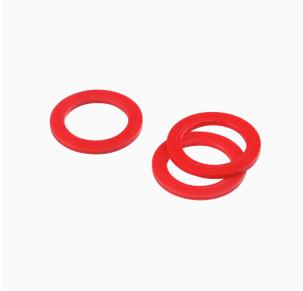## Accessories

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.	1076680000	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.	1076630000	KSWN (flat gasket - nylon), Sealing ring, M 16, Nylon 6	
GTIN (EAN)	4032248838677		
Qty.	25 ST		