

# HC-EMV-KV-M25(9-16,5) - Cable gland



1690516

<https://www.phoenixcontact.com/us/products/1690516>

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EMC screw connection up to 5 bar, thread length: 7.5 mm, cable diameter: 9.0 - 16.5 mm, WAF 29, screw connection: M25

## Commercial data

Item number	1690516
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF68
Product key	AF7DBX
GTIN	4017918822583
Weight per piece (including packing)	58.752 g
Weight per piece (excluding packing)	58.752 g
Customs tariff number	74199990
Country of origin	DE

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## Technical data

### Mounting

Assembly note	<b>Assembly instruction:</b> <b>Method 1</b> Cut the outer sheath at around 15 mm, but do not remove it. Feed the cable through the screw connection and then remove the outer sheath. Now pull the cable back until the connection is established between the cable shield and the contact spring. <b>Method 2</b> Push the braided shield back around 15 - 20 mm over the outer sheath. Insert the cables into the screw connection until the connection is established between the cable shield and the contact spring. <b>Method 3</b> Expose (partially strip) around 10 mm of the braided shield and feed the cable through the screw connection until the connection is established between the cable shield and the contact spring.
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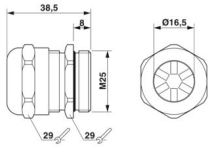
### Product properties

Product type	Cable screw gland
No. of conductors	1
Shielded	yes

### Characteristics

Conductor sealing range	7.50 mm ... 16.50 mm (Cable shield diameter)
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### Dimensions

Dimensional drawing	
Length	38.5 mm
Length of the connecting thread	8 mm
Wrench size, union nut	29 mm
Wrench size, support	29 mm
Hexagon angular dimension	31.9 mm
Thread type connection side	M25

### Connection data

Tightening torque	12 Nm (Union nut) 12 Nm
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### Material specifications

Color	brass color
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Material Compression ring	PA
Seal material O-ring	NBR
Seal material Cable seal	Neoprene
Material for screw connection	Brass, nickel-plated

## Cable/line

External cable diameter Cable 1	9 mm ... 16.5 mm
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP68 (up to 5 bar)
Ambient temperature (operation)	-20 °C ... 100 °C

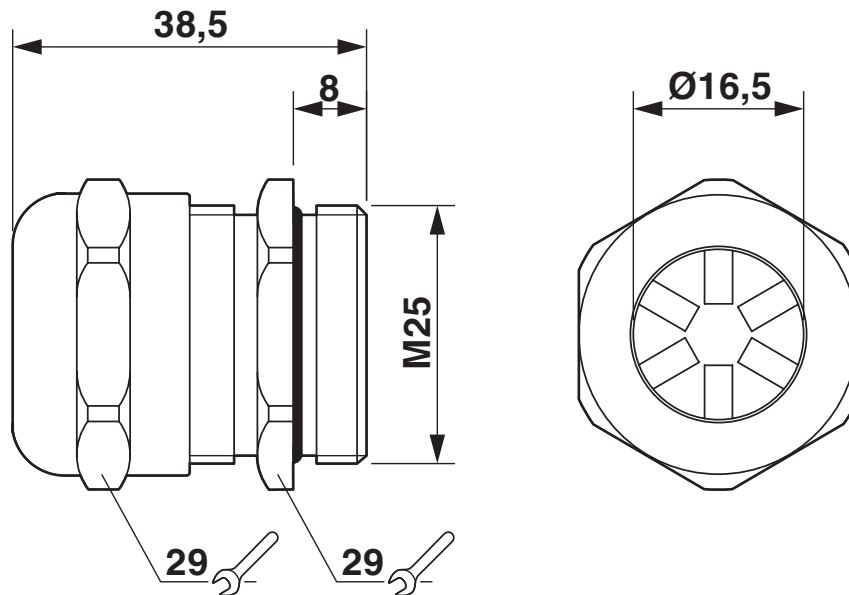
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## Drawings

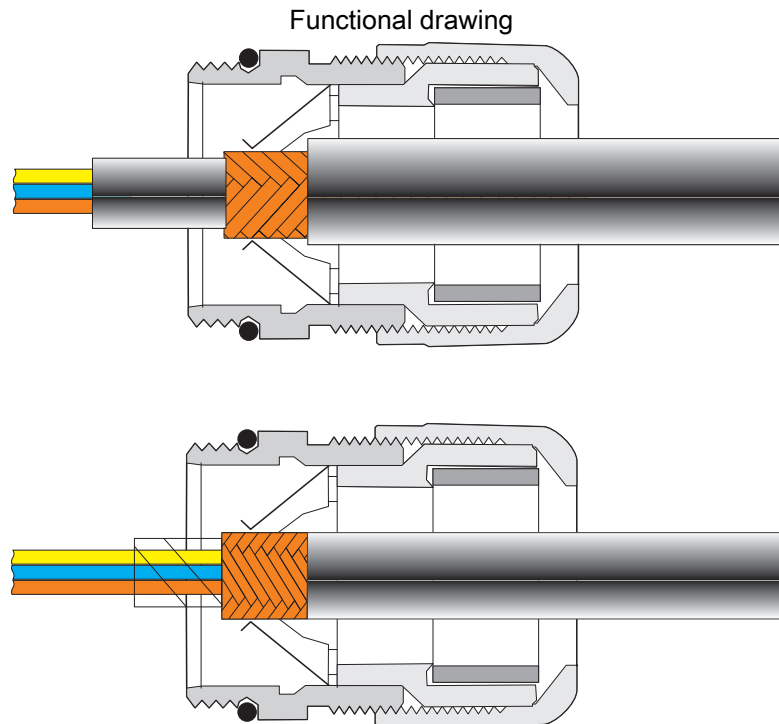
Dimensional drawing



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## Assembly instructions:

### Method 1

Slit the outer sheath after approximately 15 mm, but do not remove it. Guide the cable through the screw connection and then remove the outer sheath. Now withdraw the cable until a connection is established between the conductor shield and the contact spring.

### Method 2

Push the braided shield back approximately 15 - 20 mm over the outer sheath. Insert the cable into the screw connection until a connection is established between the conductor shield and the contact spring.

### Method 3

Uncover about 10 mm of the braided shield and guide the cable through the screw connection until a connection is established between the conductor shield and the contact spring.

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## Classifications

### ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

### UNSPSC

UNSPSC 21.0	39121311
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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