

G-INSEC-M12-S68N-NCRS-S - Cable gland



1411187

<https://www.phoenixcontact.com/us/products/1411187>

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Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 4 mm ... 6.5 mm, shielding: yes, connecting thread: M12 x 1.5, color: silver-colored, with O-ring

Commercial data

Item number	1411187
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DBX
GTIN	4046356923187
Weight per piece (including packing)	13.34 g
Weight per piece (excluding packing)	13.3 g
Customs tariff number	74198090
Country of origin	TR

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Technical data

Mounting

Assembly note	<p>Method 1 Cut the outer sheath, 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.</p> <p>Method 2 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.</p>
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Product properties

Product type	Cable screw gland
Application	EMC
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BMEM-ES
Shielded	yes
Execution of the strain relief	A

Characteristics

Category of shock impact	2
Cable diameter without cable sheath	2.5 mm (Diameter of braided shield)
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	28 mm
Length of the connecting thread	6 mm
Hole diameter	12.1 mm ... 12.2 mm
Wrench size, union nut	14 mm
Wrench size, support	14 mm
Hexagon angular dimension	15.5 mm
Thread type connection side	M12 x 1.5
Thread pitch	1.5 mm

Connection data

5 Nm (Union nut: EN 62444)

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Tightening torque	5 Nm (Support: EN 62444)
	7 Nm (for UL514 B: union nut)

Material specifications

Color	brass color
Material Compression ring	PA 6
Seal material O-ring	Perbunan
Seal material Cable seal	CR
Material for screw connection	Brass, nickel-plated

Cable/line

External cable diameter Cable 1	4 mm ... 6.5 mm
External cable diameter	4 mm ... 6.5 mm (for UL 514 B)
Halogen-free	no

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68 (5 bar, 30 minutes)
Enclosure rating (NEMA)	4X
Ambient temperature (operation)	-40 °C ... 100 °C (static)

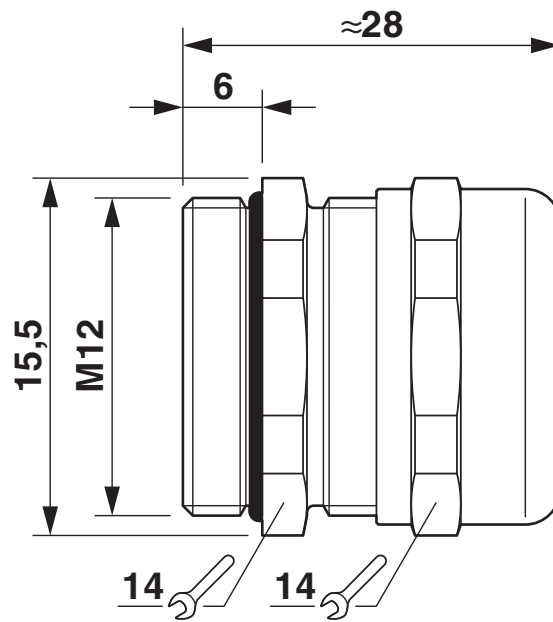
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1411187

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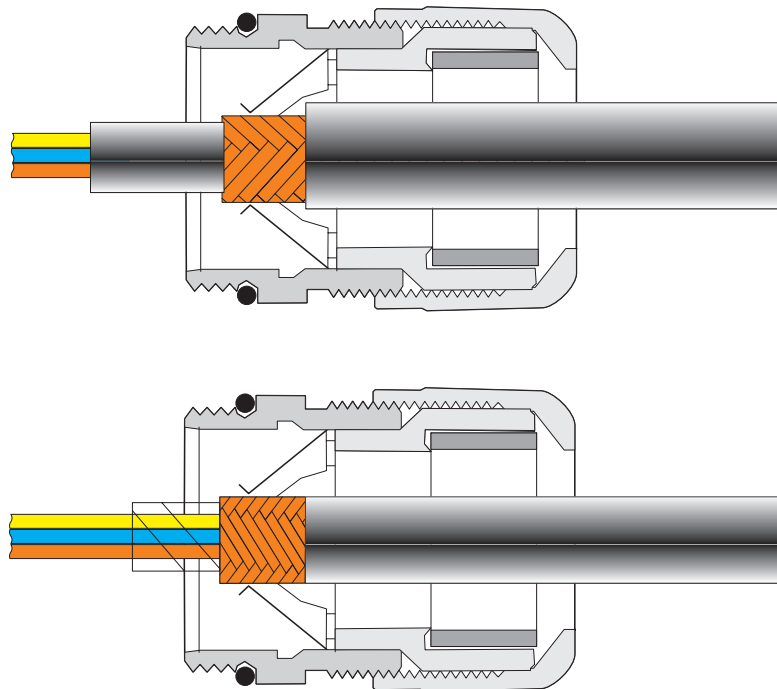
Drawings

Dimensional drawing



Dimensional drawing

Functional drawing



See assembly instruction

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411187>

DNV

Approval ID: TAE00003WY



cUL Recognized

Approval ID: E199260



UL Recognized

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Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 10.0	EC000441
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UNSPSC

UNSPSC 21.0	39121300
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

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.)	Lead(CAS: 7439-92-1)
SCIP	8ada29b5-6901-4c05-90d6-a2b6c67ef9f4

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