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

1411187

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

Technical data

Mounting

Assembly note	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. 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.

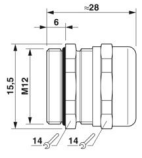
Product properties

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)

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

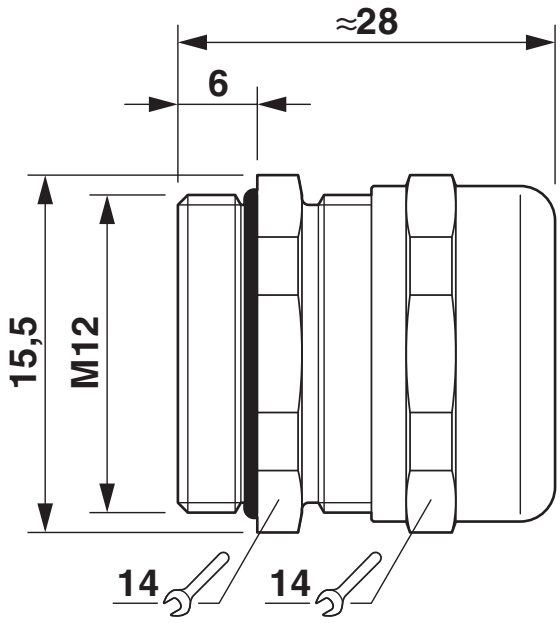
Environmental and real-life conditions

Ambient conditions

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

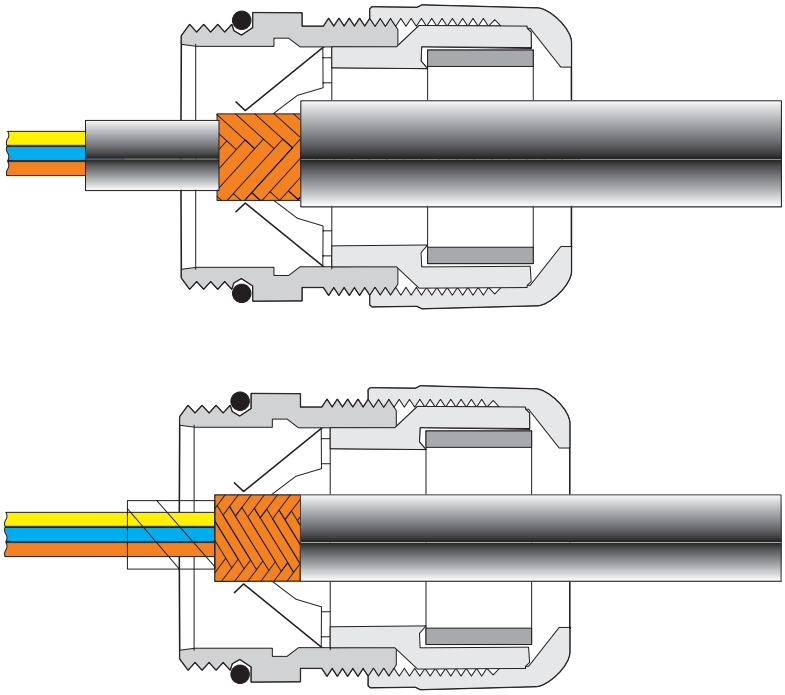
Drawings

Dimensional drawing



Dimensional drawing

Functional drawing



See assembly instruction

Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 10.0	EC000441

UNSPSC

UNSPSC 21.0	39121300

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

EF3.1 Climate Change

CO2e kg	0.039 kg CO2e

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com