

# G-INSEC-PG42-L68N-NNES-S - Cable gland



1411203

<https://www.phoenixcontact.com/us/products/1411203>

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Cable gland, material for screw connection: Brass, nickel-plated, external cable diameter 30 mm ... 38 mm, shielding: yes, connecting thread: Pg42, color: silver, with O-ring

## Commercial data

Item number	1411203
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	BF7DBX
Catalog page	Page 691 (C-2-2019)
GTIN	4046356923354
Weight per piece (including packing)	311 g
Weight per piece (excluding packing)	311 g
Customs tariff number	74198090
Country of origin	TR

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## Technical data

### Mounting

Assembly instructions	1) Mount screw connection flange in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque
	<b>Method 1</b> 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.
	<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.

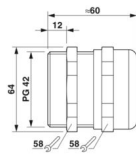
### Product properties

Product type	Full screw connection
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BSEM-09
Shielded	yes

### Characteristics

Cable diameter without cable sheath	28 mm (Diameter of braided shield)
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### Dimensions

Dimensional drawing	
Length	60 mm
Length of the connecting thread	12 mm
Hole diameter	54.1 mm ... 54.4 mm
Wrench size, union nut	58 mm
Wrench size, support	58 mm
Hexagon angular dimension	64 mm
Thread type connection side	Pg42

### Connection data

Tightening torque	45 Nm (Union nut: EN 62444)
	18 Nm (Support: EN 62444)

### Material specifications

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Color	Brass
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)	30 mm ... 38 mm
Halogen-free	no

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP68
Ambient temperature (operation)	-40 °C ... 100 °C (static)

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## Classifications

### ECLASS

ECLASS-11.0	27144432
ECLASS-12.0	27140801
ECLASS-13.0	27140801

### ETIM

ETIM 9.0	EC000441
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### UNSPSC

UNSPSC 21.0	39121300
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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