

# G-INS-PG9-S68N-NNES-S - Cable gland



1411171

<https://www.phoenixcontact.com/us/products/1411171>

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Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 4 mm ... 8 mm, shielding: no, connecting thread: Pg9, color: silver-colored, with O-ring

## Commercial data

Item number	1411171
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DAX
GTIN	4046356923057
Weight per piece (including packing)	18.265 g
Weight per piece (excluding packing)	17.89 g
Customs tariff number	74198090
Country of origin	TR

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## Technical data

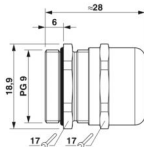
### Mounting

Assembly note	1) Mount screw connection support in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque
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### Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BSBC-02
Shielded	no

### Dimensions

Dimensional drawing	
Length	28 mm
Length of the connecting thread	6 mm
Hole diameter	15.3 mm ... 15.4 mm
Wrench size, union nut	17 mm
Wrench size, support	17 mm
Hexagon angular dimension	18.9 mm
Thread type connection side	Pg9

### Connection data

Tightening torque	6 Nm $\pm$ 0.5 Nm (Cap nut) 4 Nm (Support sleeve)
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### 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 ... 8 mm
External cable diameter	4 mm ... 8 mm (for UL 514 B)
Halogen-free	no

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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
	IP68 (5 bar, 30 min.)
	IP69 (DIN EN 60529 / IEC 60529)
Enclosure rating (NEMA)	4X
Ambient temperature (operation)	-40 °C ... 100 °C (static)

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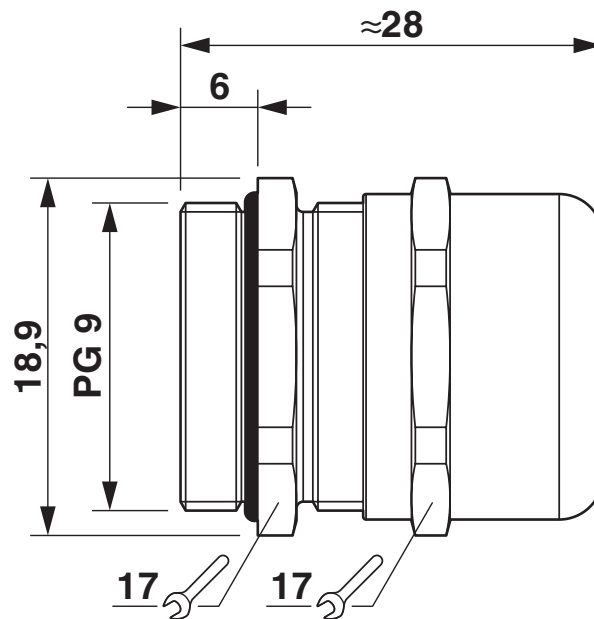
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411171>

### DNV

Approval ID: TAE00003WY



### cUL Recognized

Approval ID: E199260



### UL Recognized

Approval ID: E199260

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## Classifications

### ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

### ETIM

ETIM 9.0	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	3f335bec-2a52-4924-bd8e-3f66454d02b2

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