

# G-INS-PG16-S68N-NNES-S - Cable gland



1411174

<https://www.phoenixcontact.com/us/products/1411174>

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Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 10 mm ... 14 mm, shielding: no, connecting thread: Pg16, color: silver-colored, with O-ring

## Commercial data

Item number	1411174
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DAX
GTIN	4046356923088
Weight per piece (including packing)	36.4 g
Weight per piece (excluding packing)	35.25 g
Customs tariff number	74198090
Country of origin	TR

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## Technical data

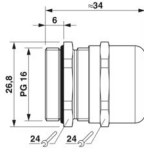
### Mounting

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-05
Shielded	no

### Dimensions

Dimensional drawing	
Length	33 mm
Length of the connecting thread	6.5 mm
Hole diameter	22.6 mm ... 22.8 mm
Wrench size, union nut	24 mm
Wrench size, support	24 mm
Hexagon angular dimension	26.8 mm
Thread type connection side	Pg16

### Connection data

Tightening torque	11 Nm $\pm$ 1 Nm (Cap nut)
	7 Nm (Support sleeve)

### 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	10 mm ... 14 mm
External cable diameter	10 mm ... 14 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)
Ambient temperature (operation)	-40 °C ... 100 °C (static)

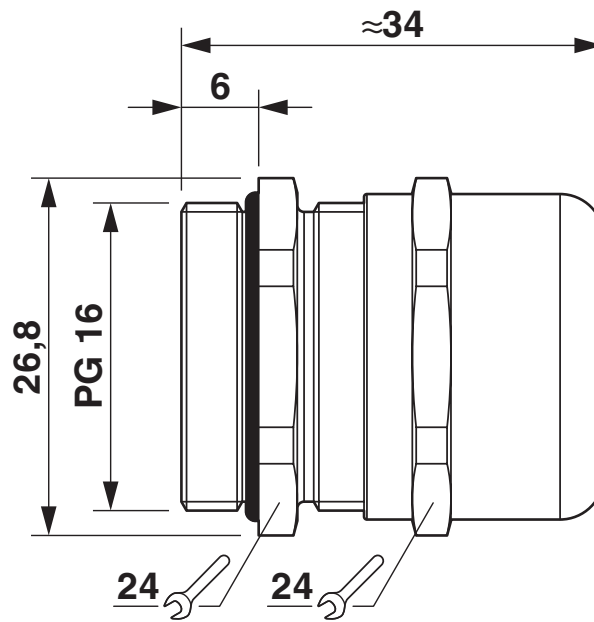
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411174>

### **DNV**

Approval ID: TAE00003WY



### **UL Listed**

Approval ID: E199260



### **cUL Listed**

Approval ID: E199260

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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	5a05a9de-bf77-483a-8e53-c9e2ff7275be

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