

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



1411174

<https://www.phoenixcontact.com/gb/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               | 5 pc          |
| Sales key                            | AF7DAX        |
| 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

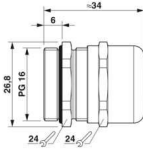
### Mounting

|               |                                                                                                                                         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------|

### 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) |

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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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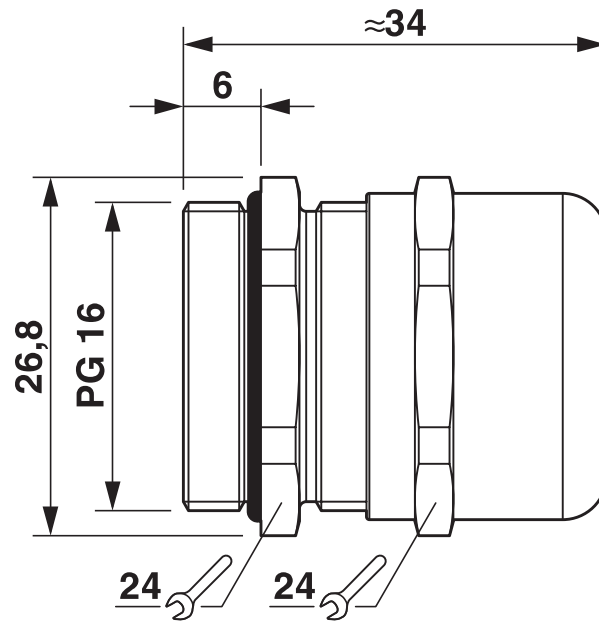
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/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 |
|-----------|----------|

### 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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