

**INDUSTRIAL COMPONENT DATA**

# G-INS-PG16-S68N-NNES-S 1411174 PHOENIX CONTACT

## Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-PG16-S68N-NNES-S



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | G-INS-PG16-S68N-NNES-S |
| Catalog number  | 1411174                |
| Category        | Cable gland            |
| Minimum order   | 5 Pcs                  |
| Document ID     | EO-D4C907610C          |
| Generated       | 2026-08-05             |

### Product Overview

Cable gland

Cable gland, screwed connection material: Brass, nickel-plated, cable outer diameter 10 mm ... 14 mm, shielding: no, connection thread: Pg16, color: silver, with O-ring

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, with O-ring

**STRUCTURED PRODUCT DATA**

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path PHOENIX CONTACT > Industrial plug-in connectors/interfaces

### Additional Product Information

Technical dataMountingAssembly 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 propertiesProduct type Cable screw gland

Application Standard

No. of conductors 1

Manufacturer BIMED

Manufacturer Designation BSBC-05

Shielded no

Data management status

Article revision 00

DimensionsDimensional 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  
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)  
ETIM for 1411174 Cable glands and cable entry products (EC000441)  
Feature Name  
Feature Value  
Thread type (EF001758)  
PG  
Nominal thread size inch/gas pipe thread (EF007838)  
Other  
Thread length (EF000368)  
6.5 mm  
Wrench width (EF000177)  
24 mm  
Hexagon angular dimension (EF005268)  
26.8 mm  
Suitable for cable diame...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-PG16-S68N-NNES-S with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.