

**INDUSTRIAL COMPONENT DATA**

# G-INSEC-PG16-S68N-NNES-S 1411199 PHOENIX CONTACT

## Cable gland

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



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | G-INSEC-PG16-S68N-NNES-S |
| Catalog number  | 1411199                  |
| Category        | Cable gland              |
| Minimum order   | 5 Pcs                    |
| Document ID     | EO-B4F404E669            |
| Generated       | 2026-08-05               |

### Product Overview

Cable gland

Cable gland, screwed connection material: Brass, nickel-plated, cable outer diameter 10 mm ... 14 mm, shielding: yes, connection thread: Pg16, colour: 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 &gt; Industrial plug-in connectors/interfaces

### Additional Product Information

Key Commercial Data

Orderkey 1411199

Packing unit 5 pc

Minimum order quantity 5 pc

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GTIN 4046356923316

Weight per Piece (excluding packing) 39.240 g

Custom tariff number 74199990

Country of origin TR (Turkey)

Dimensions

Length 33 mm

Wrench size, union nut 24 mm

Wrench size, support 24 mm

Hexagon angular dimension 26.8 mm

Length of the connecting thread 6.5 mm

Feed-through hole diameter 22.6 mm ... 22.8 mm

External cable diameter 10 mm ... 14 mm

Cable diameter without cable sheath 8.5 mm (Diameter of braided shield)

Ambient conditions

Degree of protection (IP) IP68

Ambient temperature (operation) -40 °C ... 100 °C (static)

General

No. of conductors 1

Cable gland material Nickel-plated brass

Material, insert Polyamide 6

Cable seal material Neoprene

Sealing material Perbunan (O-ring)

Shielded yes

Thread type connection side Pg16

Thread type on connection side Pg16

Torque 7 Nm (Union nut: EN 62444)

7 Nm (Support: EN 62444)

Color silver

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

Connection Method 1

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.

Method 2

Push the braided shield back around 15 ... 20 mm over the outer sheath. Insert the cables into the screw...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INSEC-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

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