

## Cable gland - G-INSEC-PG7-S68N-NNES-S - 1411195


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 3 mm ... 6.5 mm, shielding: yes, connecting thread: Pg7, color: silver, with O-ring



### Key Commercial Data

Packing unit	10 pc
GTIN	 4 046356 923262
GTIN	4046356923262

### Technical data

#### Dimensions

Length	27 mm
Wrench size, union nut	14 mm
Wrench size, support	14 mm
Hexagon angular dimension	15.5 mm
Length of the connecting thread	6 mm
Feed-through hole diameter	12.6 mm ... 12.7 mm
External cable diameter	3 mm ... 6.5 mm
Cable diameter without cable sheath	2.5 mm (Diameter of braided shield)

#### Ambient conditions

Degree of protection	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 gland - G-INSEC-PG7-S68N-NNES-S - 1411195

## Technical data

### General

Cable seal material	Neoprene
Shielded	yes
Thread type connection side	Pg7
Torque	3 Nm (Union nut: EN 62444)
	3 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	<p>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.</p> <p>Method 2 Push the braided shield back around 15 ... 20 mm over the outer sheath. Insert the cables into the screw connection until the connection is established between the cable shield and the contact spring.</p>

### Standards and Regulations

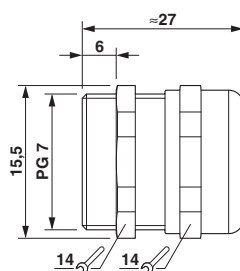
Halogen-free	no
Connection in acc. with standard	UL

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

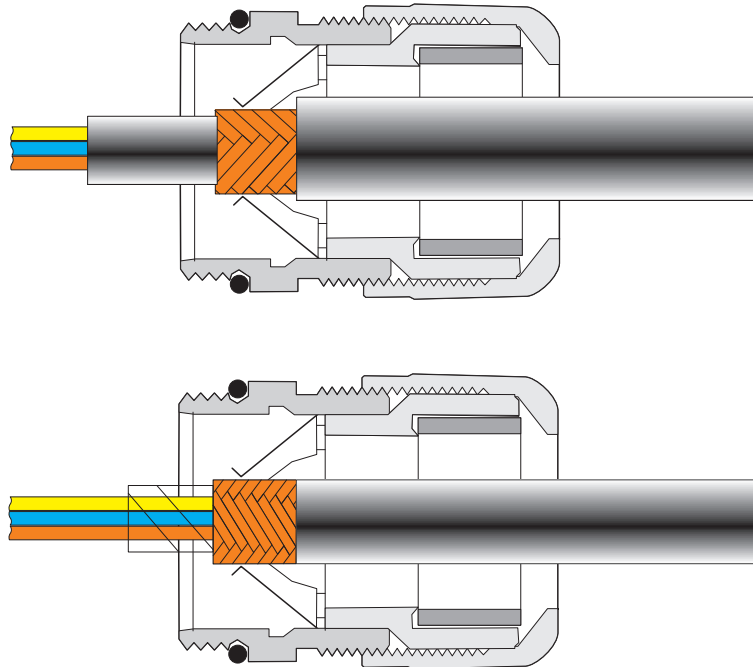
Dimensional drawing



Dimensional drawing

## Cable gland - G-INSEC-PG7-S68N-NNES-S - 1411195

Functional drawing



See assembly instruction

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

1411195