G-INSEC-PG9-S68N-NNES-S - Cable gland

1411196

https://www.phoenixcontact.com/us/products/1411196

Cable gland, material for screw connection: Brass, nickel-plated, external cable diameter 4 mm ... 8 mm, shielding: yes, connecting thread: Pg9, color: silver, with O-ring

Commercial data

Item number	1411196
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	BF7DBX
Catalog page	Page 691 (C-2-2019)
GTIN	4046356923279
Weight per piece (including packing)	19.02 g
Weight per piece (excluding packing)	18.84 g
Customs tariff number	74198090
Country of origin	TR

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Technical data

Mounting

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
	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 connection until the connection is established between the cable shield and the contact spring.

Product properties

Product type	Full screw connection
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BSEM-02
Shielded	yes

Characteristics

Cable diameter without cable sheath	3 mm (Diameter of braided shield)

Dimensions

Dimensional drawing	
Length	29 mm
Length of the connecting thread	6 mm
Hole diameter	15.3 mm ... 15.4 mm
Wrench size, union nut	17 mm
Wrench size, support	17 mm
Hexagon angular dimension	18.9 mm
Thread type connection side	Pg9

Connection data

Tightening torque	5.5 Nm (Union nut: EN 62444)
	4 Nm (Support: EN 62444)

Material specifications

Color	Brass
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)	4 mm ... 8 mm
Halogen-free	no

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68
Ambient temperature (operation)	-40 °C ... 100 °C (static)

Classifications

ECLASS

ECLASS-11.0	27144432
ECLASS-12.0	27140801
ECLASS-13.0	27140801

ETIM

ETIM 9.0	EC000441

UNSPSC

UNSPSC 21.0	39121300

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Environmental product compliance

REACh SVHC	Lead 7439-92-1

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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