

G-INS-PG29-M68N-PNES-GY - Cable gland



1411146

<https://www.phoenixcontact.com/us/products/1411146>

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 documentation. Our general terms of use for downloads are valid.



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 18 mm ... 25 mm, shielding: no, connecting thread: Pg29, color: silver-gray RAL 7001

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1411146
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DCX
GTIN	4046356922838
Weight per piece (including packing)	36.5 g
Weight per piece (excluding packing)	35 g
Customs tariff number	39269097
Country of origin	TR

G-INS-PG29-M68N-PNES-GY - Cable gland



1411146

<https://www.phoenixcontact.com/us/products/1411146>

Technical data

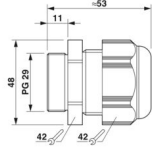
Mounting

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	BS-07
Shielded	no

Dimensions

Dimensional drawing	
Length	53 mm
Length of the connecting thread	11 mm
Hole diameter	37.1 mm ... 37.4 mm
Wrench size, union nut	42 mm
Wrench size, support	42 mm
Hexagon angular dimension	48 mm
Thread type connection side	Pg29

Connection data

Tightening torque	10 Nm $\pm$ 0.5 Nm (Cap nut) 9 Nm (Support sleeve)
-------------------	---

Material specifications

Color	silver grey (RAL 7001)
Material Housing	PA (Housing)
Flammability rating according to UL 94	V2
Seal material Cable seal	CR
Material for screw connection	PA

Cable/line

External cable diameter Cable 1	18 mm ... 25 mm
External cable diameter	18 mm ... 25 mm (for UL 514 B)
Halogen-free	no

G-INS-PG29-M68N-PNES-GY - Cable gland



1411146

<https://www.phoenixcontact.com/us/products/1411146>

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (5 bar / 0.5 h)
Enclosure rating (NEMA)	1
	4
	4X
	12
	13
Ambient temperature (operation)	-40 °C ... 100 °C (static)

G-INS-PG29-M68N-PNES-GY - Cable gland

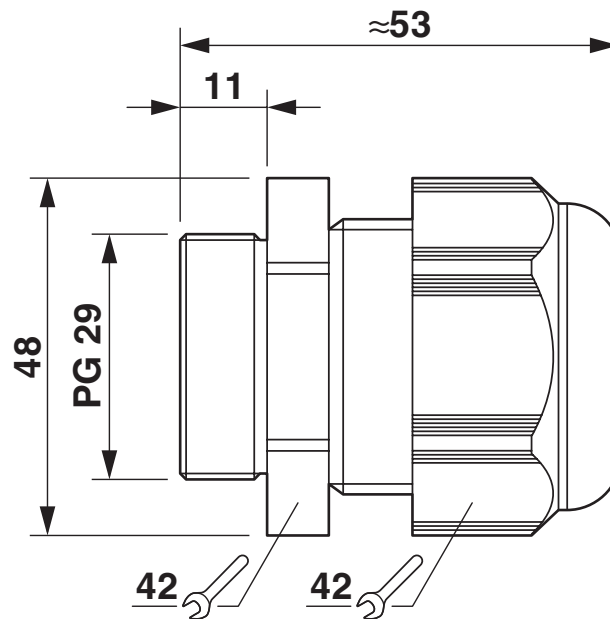


1411146

<https://www.phoenixcontact.com/us/products/1411146>

Drawings

Dimensional drawing



Dimensional drawing

G-INS-PG29-M68N-PNES-GY - Cable gland



1411146

<https://www.phoenixcontact.com/us/products/1411146>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411146>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



UL Listed

Approval ID: E199260



cUL Listed

Approval ID: E199260

G-INS-PG29-M68N-PNES-GY - Cable gland



1411146

<https://www.phoenixcontact.com/us/products/1411146>

Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 9.0	EC000441
----------	----------

UNSPSC

UNSPSC 21.0	39121300
-------------	----------

G-INS-PG29-M68N-PNES-GY - Cable gland



1411146
<https://www.phoenixcontact.com/us/products/1411146>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com