

G-INS-M12-S68N-PNES-GY - Cable gland



1411123

<https://www.phoenixcontact.com/us/products/1411123>

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 3 mm ... 6.5 mm, shielding: no, connecting thread: M12 x 1.5, color: silver-gray RAL 7001

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1411123
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DCX
GTIN	4046356922517
Weight per piece (including packing)	3.74 g
Weight per piece (excluding packing)	3.58 g
Customs tariff number	39269097
Country of origin	TR

G-INS-M12-S68N-PNES-GY - Cable gland



1411123

<https://www.phoenixcontact.com/us/products/1411123>

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
---------------	---

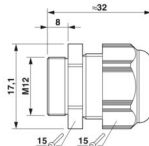
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BM-0S
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	2
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	32 mm
Length of the connecting thread	8 mm
Hole diameter	12.1 mm ... 12.2 mm
Wrench size, union nut	15 mm
Wrench size, support	15 mm
Hexagon angular dimension	17.1 mm
Thread type connection side	M12 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	2 Nm $\pm$ 0.5 Nm (Cap nut)
	1 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

G-INS-M12-S68N-PNES-GY - Cable gland



1411123

<https://www.phoenixcontact.com/us/products/1411123>

Material for screw connection	PA
-------------------------------	----

Cable/line

External cable diameter Cable 1	3 mm ... 6.5 mm
External cable diameter	3 mm ... 6.5 mm (for UL 514 B)
Halogen-free	no

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-M12-S68N-PNES-GY - Cable gland

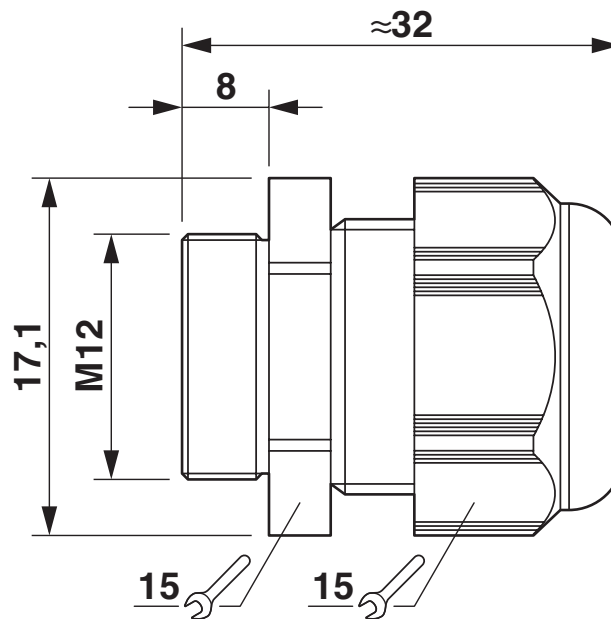
1411123

<https://www.phoenixcontact.com/us/products/1411123>



Drawings

Dimensional drawing



Dimensional drawing

G-INS-M12-S68N-PNES-GY - Cable gland



1411123

<https://www.phoenixcontact.com/us/products/1411123>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411123>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



cUL Recognized

Approval ID: E199260



UL Recognized

Approval ID: E199260



VDE approval of drawings

Approval ID: 40024418

G-INS-M12-S68N-PNES-GY - Cable gland



1411123

<https://www.phoenixcontact.com/us/products/1411123>

Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

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

UNSPSC

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

G-INS-M12-S68N-PNES-GY - Cable gland



1411123

<https://www.phoenixcontact.com/us/products/1411123>

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