

G-INS-M32-L68N-PNES-GY - Cable gland



1424478

<https://www.phoenixcontact.com/us/products/1424478>

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: M32 x 1.5, color: silver-grey RAL 7001

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424478
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 686 (C-2-2019)
GTIN	4055626372686
Weight per piece (including packing)	39.45 g
Weight per piece (excluding packing)	39.45 g
Customs tariff number	39269097
Country of origin	TR

G-INS-M32-L68N-PNES-GY - Cable gland



1424478

<https://www.phoenixcontact.com/us/products/1424478>

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-07
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	4
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	50 mm
Length of the connecting thread	16 mm
Hole diameter	32.1 mm ... 32.3 mm
Wrench size, union nut	42 mm
Wrench size, support	42 mm
Hexagon angular dimension	40.9 mm
Thread type connection side	M32 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	9 Nm ± 1 Nm (Cap nut)
	3.5 Nm (Support sleeve)

Material specifications

Color	silver grey (RAL 7001)
-------	------------------------

G-INS-M32-L68N-PNES-GY - Cable gland

1424478

<https://www.phoenixcontact.com/us/products/1424478>



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)

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)

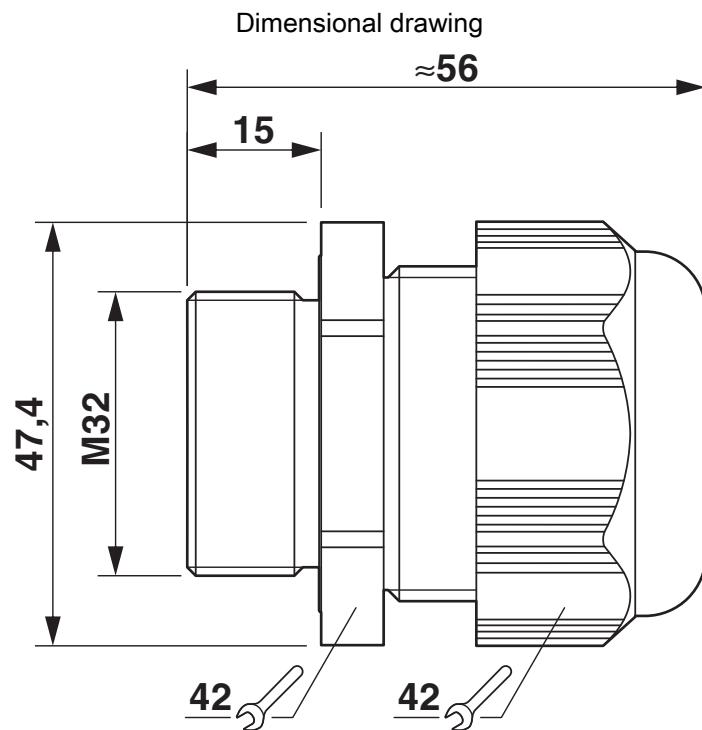
G-INS-M32-L68N-PNES-GY - Cable gland

1424478

<https://www.phoenixcontact.com/us/products/1424478>



Drawings



Dimensional drawing

G-INS-M32-L68N-PNES-GY - Cable gland

1424478

<https://www.phoenixcontact.com/us/products/1424478>



Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424478>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



UL Listed

Approval ID: E199260



cUL Listed

Approval ID: E199260

cJLus Listed

G-INS-M32-L68N-PNES-GY - Cable gland

1424478

<https://www.phoenixcontact.com/us/products/1424478>



Classifications

ECLASS

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

ETIM

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

UNSPSC

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

G-INS-M32-L68N-PNES-GY - Cable gland

1424478

<https://www.phoenixcontact.com/us/products/1424478>



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%
-------------------------------------	----------------------------

G-INS-M32-L68N-PNES-GY - Cable gland

1424478

<https://www.phoenixcontact.com/us/products/1424478>



Accessories

A-INL-M32-P-LG - Counter nut

1417662

<https://www.phoenixcontact.com/us/products/1417662>

Counter nut, for threads M32 x 1.5, color: light grey



SEALING PLUG 20X22 RD - Closing cap

1421862

<https://www.phoenixcontact.com/us/products/1421862>

Closing cap, color: red



Phoenix Contact 2024 © - 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