

G-INS-PG9-M68N-PNES-LG - Cable gland

1424486

<https://www.phoenixcontact.com/us/products/1424486>



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 4 mm ... 8 mm, shielding: no, connecting thread: Pg9, color: lightgray RAL 7035

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424486
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DCX
GTIN	4055626373164
Weight per piece (including packing)	6.21 g
Weight per piece (excluding packing)	6.21 g
Customs tariff number	39269097
Country of origin	TR

G-INS-PG9-M68N-PNES-LG - Cable gland



1424486

<https://www.phoenixcontact.com/us/products/1424486>

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-12
Shielded	no

Dimensions

Dimensional drawing	
Length	36 mm
Length of the connecting thread	8 mm
Hole diameter	15.3 mm ... 15.4 mm
Wrench size, union nut	19 mm
Wrench size, support	19 mm
Hexagon angular dimension	21.6 mm
Thread type connection side	Pg9

Connection data

Tightening torque	2.5 Nm \pm 0.5 Nm (Cap nut)
	1.5 Nm (Support sleeve)

Material specifications

Color	light gray (RAL 7035)
Flammability rating according to UL 94	V2
Seal material Cable seal	CR
Material for screw connection	PA

Cable/line

External cable diameter	4 mm ... 8 mm
	4 mm ... 8 mm (for UL 514 B)

Environmental and real-life conditions

G-INS-PG9-M68N-PNES-LG - Cable gland

1424486

<https://www.phoenixcontact.com/us/products/1424486>



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-PG9-M68N-PNES-LG - Cable gland

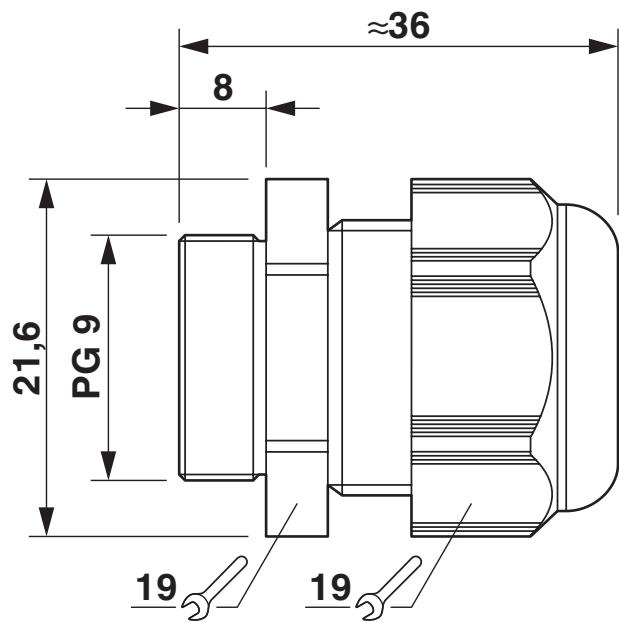


1424486

<https://www.phoenixcontact.com/us/products/1424486>

Drawings

Dimensional drawing



Dimensional drawing

G-INS-PG9-M68N-PNES-LG - Cable gland

1424486

<https://www.phoenixcontact.com/us/products/1424486>



Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424486>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



UL Recognized

Approval ID: E199260

G-INS-PG9-M68N-PNES-LG - Cable gland

1424486

<https://www.phoenixcontact.com/us/products/1424486>



Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

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

UNSPSC

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

G-INS-PG9-M68N-PNES-LG - Cable gland

1424486

<https://www.phoenixcontact.com/us/products/1424486>



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

EF3.0 Climate Change

CO2e kg	0.048 kg CO2e
---------	---------------

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