

G-INS-N1-M68L-PNES-BK - Cable gland



1411159

<https://www.phoenixcontact.com/nl/products/1411159>

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: 1"-NPT, color: jet black RAL 9005

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1411159
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AF7DCX
Product key	AF7DCX
GTIN	4046356922951
Weight per piece (including packing)	41 g
Weight per piece (excluding packing)	41 g
Customs tariff number	39269097
Country of origin	TR

G-INS-N1-M68L-PNES-BK - Cable gland



1411159

<https://www.phoenixcontact.com/nl/products/1411159>

Technical data

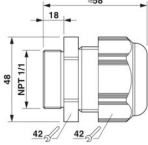
Mounting

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

Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BSP-24
Shielded	no

Dimensions

Dimensional drawing	
Length	58 mm
Length of the connecting thread	18 mm
Wrench size, union nut	42 mm
Wrench size, support	42 mm
Hexagon angular dimension	48 mm
Thread type connection side	1"-NPT

Connection data

Tightening torque	9.5 Nm $\pm$ 0.5 Nm (Cap nut)
	4 Nm (Support sleeve)

Material specifications

Color	black (RAL 9005)
Material Housing	PA 6 (Housing)
Flammability rating according to UL 94	V2
Seal material Cable seal	CR
Material for screw connection	PA

Cable/line

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

Environmental and real-life conditions

G-INS-N1-M68L-PNES-BK - Cable gland



1411159

<https://www.phoenixcontact.com/nl/products/1411159>

Ambient conditions

Degree of protection	IP68 (5 bar / 0.5 h)
	IP66
Ambient temperature (operation)	-40 °C ... 100 °C (static)

G-INS-N1-M68L-PNES-BK - Cable gland

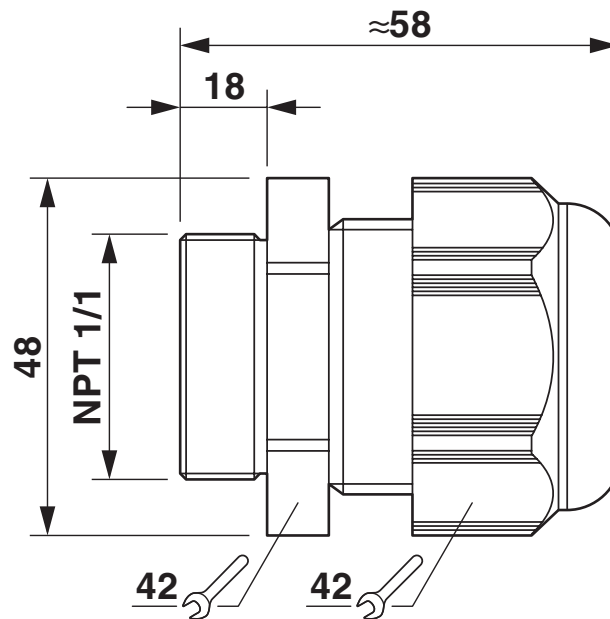
1411159

<https://www.phoenixcontact.com/nl/products/1411159>



Drawings

Dimensional drawing



G-INS-N1-M68L-PNES-BK - Cable gland



1411159

<https://www.phoenixcontact.com/nl/products/1411159>

Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/nl/products/1411159>



UL Listed

Approval ID: E199260



cUL Listed

Approval ID: E199260

G-INS-N1-M68L-PNES-BK - Cable gland



1411159

<https://www.phoenixcontact.com/nl/products/1411159>

Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 10.0	EC000441
-----------	----------

UNSPSC

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

G-INS-N1-M68L-PNES-BK - Cable gland



1411159

<https://www.phoenixcontact.com/nl/products/1411159>

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 2026 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT B.V.
Hengelder 56 6902 PA Zevenaar
Postbus 246 6900 AE Zevenaar
(0316) 59 17 20
sales@phoenixcontact.nl