

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



1424496

<https://www.phoenixcontact.com/gb/products/1424496>

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: jet black RAL 9005

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424496
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AF7DCX
Product key	AF7DCX
Catalog page	Page 687 (C-2-2019)
GTIN	4055626373263
Weight per piece (including packing)	6.29 g
Weight per piece (excluding packing)	6.1 g
Customs tariff number	39269097
Country of origin	TR

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



1424496

<https://www.phoenixcontact.com/gb/products/1424496>

Technical data

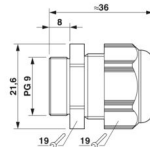
Mounting

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-22
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	black (RAL 9005)
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-BK - Cable gland



1424496

<https://www.phoenixcontact.com/gb/products/1424496>

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-BK - Cable gland

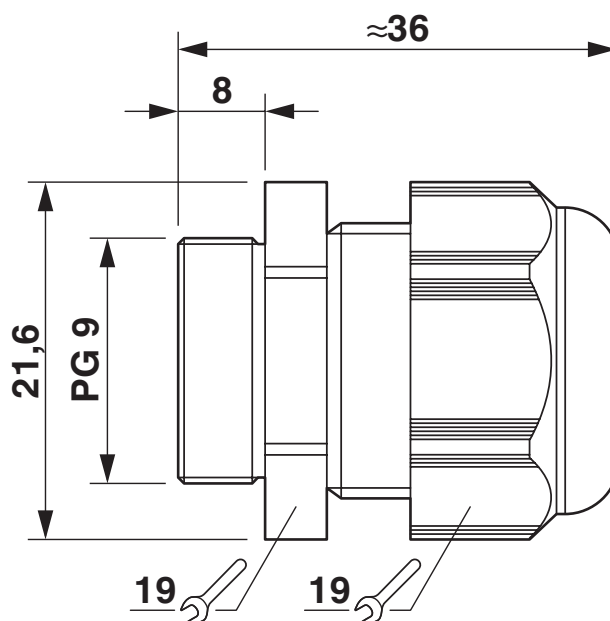
1424496

<https://www.phoenixcontact.com/gb/products/1424496>



Drawings

Dimensional drawing



Dimensional drawing

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



1424496

<https://www.phoenixcontact.com/gb/products/1424496>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1424496>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



UL Recognized

Approval ID: E199260

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



1424496

<https://www.phoenixcontact.com/gb/products/1424496>

Classifications

ECLASS

ECLASS-13.0	27140801
-------------	----------

ETIM

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

UNSPSC

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

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



1424496

<https://www.phoenixcontact.com/gb/products/1424496>

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 Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk