

G-INS-PG7-M68N-PNES-BK - Cable gland



1424495

<https://www.phoenixcontact.com/us/products/1424495>

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: Pg7, color: jet black RAL 9005

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424495
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 687 (C-2-2019)
GTIN	4055626373256
Weight per piece (including packing)	3.73 g
Weight per piece (excluding packing)	3.6 g
Customs tariff number	39269097
Country of origin	TR

G-INS-PG7-M68N-PNES-BK - Cable gland



1424495

<https://www.phoenixcontact.com/us/products/1424495>

Technical data

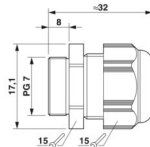
Mounting

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-21
Shielded	no

Dimensions

Dimensional drawing	
Length	32 mm
Length of the connecting thread	8 mm
Hole diameter	12.6 mm ... 12.7 mm
Wrench size, union nut	15 mm
Wrench size, support	15 mm
Hexagon angular dimension	17.1 mm
Thread type connection side	Pg7

Connection data

Tightening torque	2 Nm $\pm$ 0.5 Nm (Cap nut) 1 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	3 mm ... 6.5 mm 4 mm ... 6 mm (for UL 514 B)
-------------------------	---

Environmental and real-life conditions

G-INS-PG7-M68N-PNES-BK - Cable gland



1424495

<https://www.phoenixcontact.com/us/products/1424495>

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-PG7-M68N-PNES-BK - Cable gland

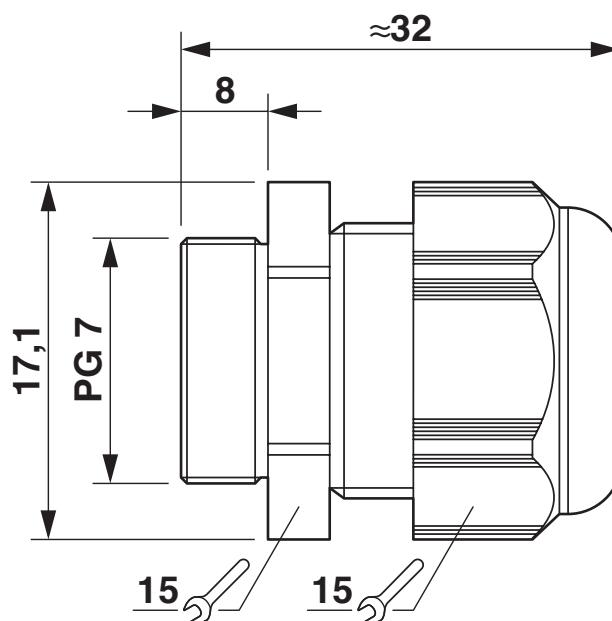
1424495

<https://www.phoenixcontact.com/us/products/1424495>



Drawings

Dimensional drawing



Dimensional drawing

G-INS-PG7-M68N-PNES-BK - Cable gland



1424495

<https://www.phoenixcontact.com/us/products/1424495>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424495>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



UL Recognized

Approval ID: E199260

G-INS-PG7-M68N-PNES-BK - Cable gland



1424495

<https://www.phoenixcontact.com/us/products/1424495>

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-PG7-M68N-PNES-BK - Cable gland



1424495

<https://www.phoenixcontact.com/us/products/1424495>

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 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