

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



1424486

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

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 4 mm ... 8 mm, shielding: no, connecting thread: Pg9, color: lightgrey RAL 7035

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

Item number	1424486
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 687 (C-2-2019)
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

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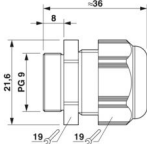
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## Technical data

### 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

### Material specifications

Color	light grey (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

Ambient conditions	
Degree of protection	IP66
	IP68 (5 bar / 0.5 h)
Enclosure rating (NEMA)	1
	4
	4X
	12

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1424486

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

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Ambient temperature (operation)	-40 °C ... 100 °C (static)

## Mounting

Assembly instructions	1) Mount screw connection support in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque
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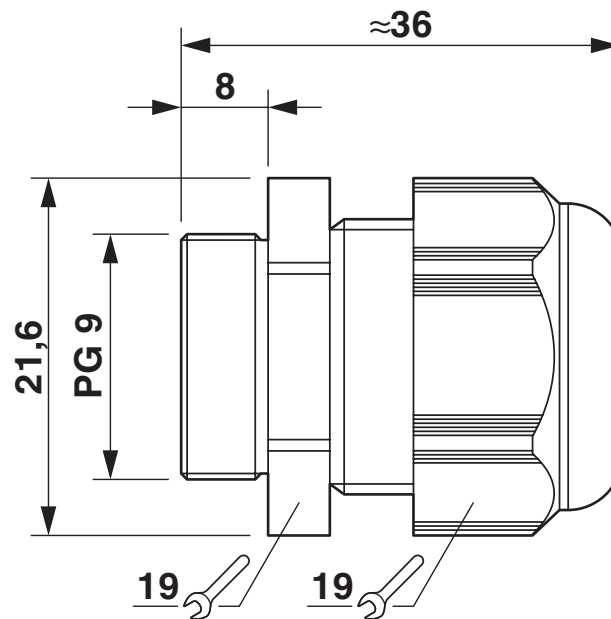
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## Drawings

Dimensional drawing



Dimensional drawing

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1424486

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## 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

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1424486

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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC000441
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### UNSPSC

UNSPSC 21.0	39121300
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## 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%

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## Accessories

### A-INL-PG9-P-GY - Counter nut

1411222

<https://www.phoenixcontact.com/us/products/1411222>

Counter nut, for threads Pg9, color: silver-grey RAL 7001



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### SEALING PLUG 6X16 RD - Closing cap

1400254

<https://www.phoenixcontact.com/us/products/1400254>

Closing cap, color: red



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