

# G-INS-PG11-M68N-PNES-BK - Cable gland

1424497

<https://www.phoenixcontact.com/us/products/1424497>



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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 5 mm ... 10 mm, shielding: no, connecting thread: Pg11, color: jet black RAL 9005

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

Item number	1424497
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 687 (C-2-2019)
GTIN	4055626373270
Weight per piece (including packing)	9.1 g
Weight per piece (excluding packing)	9.1 g
Customs tariff number	39269097
Country of origin	TR

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## 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
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### Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BS-23
Shielded	no

### Dimensions

Dimensional drawing	
Length	38 mm
Length of the connecting thread	8 mm
Hole diameter	18.7 mm ... 18.8 mm
Wrench size, union nut	22 mm
Wrench size, support	22 mm
Hexagon angular dimension	25 mm
Thread type connection side	Pg11

### Connection data

Tightening torque	2.5 Nm $\pm$ 0.5 Nm (Cap nut)
	2 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 Cable 1	5 mm ... 10 mm
External cable diameter	5 mm ... 10 mm (for UL 514 B)

### Environmental and real-life conditions

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## 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)

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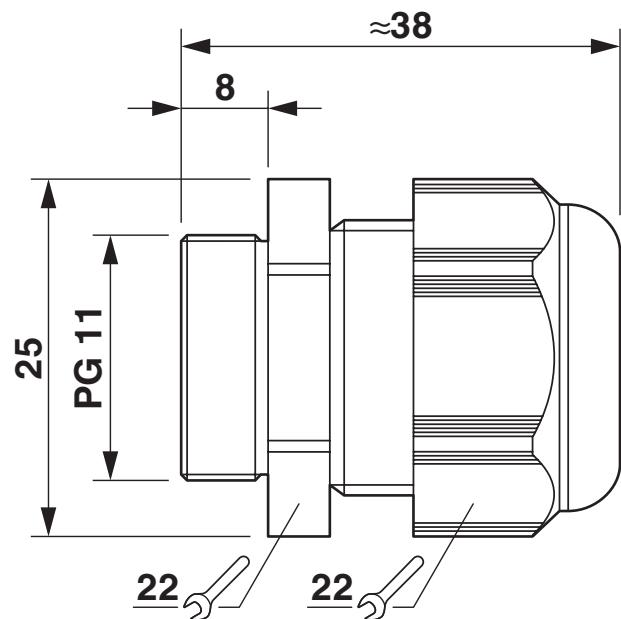


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424497>

**DNV**

Approval ID: TAE00003WX



**CSA**

Approval ID: 115116



**cUL Recognized**

Approval ID: E199260



**UL Recognized**

Approval ID: E199260

**cULus Recognized**

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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
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### 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-PG11-P-GY - Counter nut

1411223

<https://www.phoenixcontact.com/us/products/1411223>

Counter nut, for threads Pg11, color: silver-grey RAL 7001



### SEALING PLUG 8X16 RD - Closing cap

1400257

<https://www.phoenixcontact.com/us/products/1400257>

Closing cap, color: red



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