

# G-INS-PG29-M68N-PNES-BK - Cable gland

1424501

<https://www.phoenixcontact.com/us/products/1424501>



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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 18 mm ... 25 mm, shielding: no, connecting thread: Pg29, color: jet black RAL 9005

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

Item number	1424501
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 687 (C-2-2019)
GTIN	4055626373317
Weight per piece (including packing)	35.86 g
Weight per piece (excluding packing)	35.86 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-27
Shielded	no

### Dimensions

Dimensional drawing	
Length	53 mm
Length of the connecting thread	11 mm
Hole diameter	37.1 mm ... 37.4 mm
Wrench size, union nut	42 mm
Wrench size, support	42 mm
Hexagon angular dimension	48 mm
Thread type connection side	Pg29

### Connection data

Tightening torque	10 Nm $\pm 0.5$ Nm (Cap nut)
	9 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	18 mm ... 25 mm
External cable diameter	18 mm ... 25 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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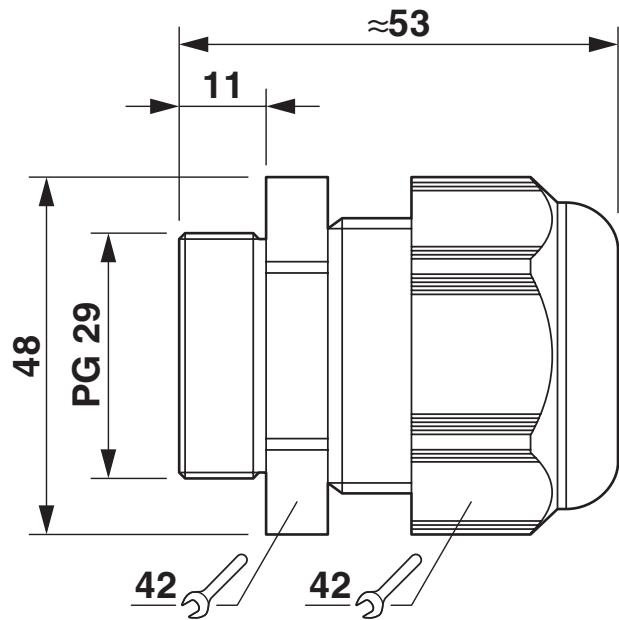


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424501>

**DNV**

Approval ID: TAE00003WX



**CSA**

Approval ID: 115116



**UL Listed**

Approval ID: E199260



**cUL Listed**

Approval ID: E199260

**cJLus Listed**

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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-PG29-P-GY - Counter nut

1411227

<https://www.phoenixcontact.com/us/products/1411227>

Counter nut, for threads Pg29, color: silver-grey RAL 7001



### SEALING PLUG 20X22 RD - Closing cap

1421862

<https://www.phoenixcontact.com/us/products/1421862>

Closing cap, color: red



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