

# G-INS-PG48-M68N-PNES-BK - Cable gland



1424504

<https://www.phoenixcontact.com/us/products/1424504>

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 34 mm ... 44 mm, shielding: no, connecting thread: Pg48, color: jet black RAL 9005

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

Item number	1424504
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DCX
GTIN	4055626373348
Weight per piece (including packing)	103.5 g
Weight per piece (excluding packing)	99.2 g
Customs tariff number	39269097
Country of origin	TR

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## Technical data

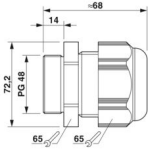
### Mounting

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-30
Shielded	no

### Dimensions

Dimensional drawing	
Length	68 mm
Length of the connecting thread	14 mm
Hole diameter	59.4 mm ... 59.7 mm
Wrench size, union nut	65 mm
Wrench size, support	65 mm
Hexagon angular dimension	72.2 mm
Thread type connection side	Pg48

### Connection data

Tightening torque	20 Nm $\pm$ 1 Nm (Cap nut)
	14 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	34 mm ... 44 mm
External cable diameter	34 mm ... 44 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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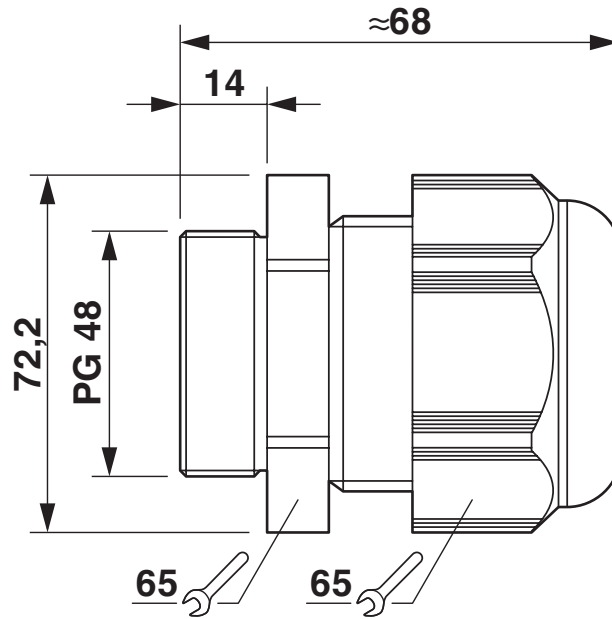


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424504>

### **DNV**

Approval ID: TAE00003WX



### **CSA**

Approval ID: 115116



### **UL Listed**

Approval ID: E199260



### **cUL Listed**

Approval ID: E199260

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## Classifications

### ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

### ETIM

ETIM 10.0	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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