

# Cable gland - G-INS-PG13,5-M68N-PNES-BK



1424498

<https://www.phoenixcontact.com/pc/products/1424498>

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Cable gland, material for screw connection: PA, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: Pg13.5, color: jet black RAL 9005

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial Data

Item number	1424498
Packing unit	5 pc
Minimum order quantity	5 pc
Product Key	BF7DCX
Catalog Page	Page 687 (C-2-2019)
GTIN	4055626373287
Weight per Piece (including packing)	11.3 g
Weight per Piece (excluding packing)	10.93 g
Customs tariff number	39269097
Country of origin	TR

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## Technical Data

### 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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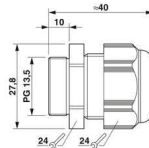
### Product properties

Product type	Full screw connection
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BS-24
Shielded	no

### Characteristics

Tightening torque	4 Nm $\pm$ 0.5 Nm (Cap nut)
	3 Nm (Support sleeve)

### Dimensions

Dimensional drawing	
Length	40 mm
Length of the connecting thread	10 mm
Hole diameter	20.5 mm ... 20.7 mm
Wrench size, union nut	24 mm
Wrench size, support	24 mm
Hexagon angular dimension	27.8 mm
Thread type connection side	Pg13.5

### Material specifications

Color	jet black RAL 9005
Flammability rating according to UL 94	V2
Sealing material	CR
Material for screw connection	PA

### Cable / line

External cable diameter	6 mm ... 12 mm
	6 mm ... 12 mm (for UL 514 B)

### Environmental and real-life conditions

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## Ambient conditions

Degree of protection	IP68 (5 bar / 0.5 h)
Ambient temperature (operation)	-40 °C ... 100 °C (static)

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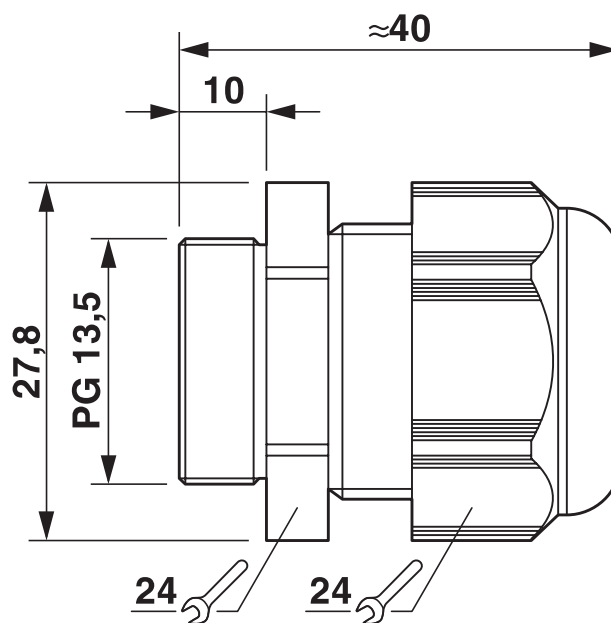
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

<div><div>DNV</div><div>Approval ID: TAE00003WX</div></div>				
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<div><div><div></div><div>CSA</div></div><div>Approval ID: 115116</div></div>				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
External reference			-	-

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## Classifications

### ECLASS

ECLASS-9.0	27144432
ECLASS-10.0.1	27144432
ECLASS-11.0	27144432

### ETIM

ETIM 8.0	EC000441
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### UNSPSC

UNSPSC 21.0	39121300
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## Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values