

# G-INS-M25-L68N-PNES-GY - Cable gland



1424477

<https://www.phoenixcontact.com/us/products/1424477>

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 13 mm ... 18 mm, shielding: no, connecting thread: M25 x 1.5

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

Item number	1424477
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 686 (C-2-2019)
GTIN	4055626372679
Weight per piece (including packing)	22.5 g
Weight per piece (excluding packing)	22.5 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	BM-05
Shielded	no
Execution of the strain relief	A

### Characteristics

Category of shock impact	4
Design, Strain relief	A

### Dimensions

Dimensional drawing	
Length	42 mm
Length of the connecting thread	10 mm
Hole diameter	25.1 mm ... 25.2 mm
Wrench size, union nut	33 mm
Wrench size, support	33 mm
Hexagon angular dimension	33.5 mm
Thread type connection side	M25 x 1.5
Thread pitch	1.5 mm

### Connection data

Tightening torque	8 Nm $\pm$ 1 Nm (Cap nut) 3.5 Nm (Support sleeve)
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### Material specifications

Color	silver grey (RAL 7001)
Flammability rating according to UL 94	V2

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Seal material Cable seal	CR
Material for screw connection	PA

## Cable/line

External cable diameter Cable 1	13 mm ... 18 mm
External cable diameter	13 mm ... 18 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
	13
Ambient temperature (operation)	-40 °C ... 100 °C (static)

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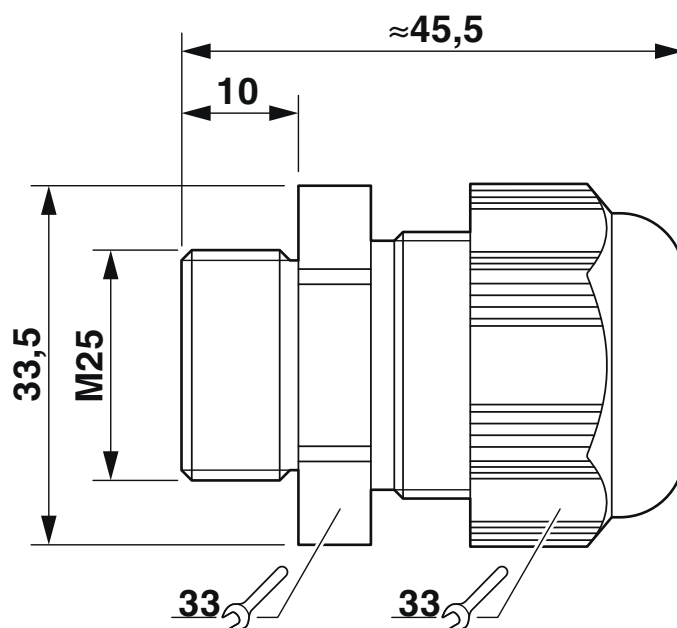
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424477>

**DNV**  
Approval ID: TAE00003WX

**CSA**  
Approval ID: 115116

**UL Listed**  
Approval ID: E199260

**cUL Listed**  
Approval ID: E199260

**cULus 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
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-M25-P-GY - Counter nut

1411208

<https://www.phoenixcontact.com/us/products/1411208>

Counter nut, for threads M25 x 1.5, color: silver-grey RAL 7001



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### SEALING PLUG 14X22 RD - Closing cap

1400270

<https://www.phoenixcontact.com/us/products/1400270>

Closing cap, for threads pluggable, color: red



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