

# G-INS-M25-M68N-PNES-GY - Cable gland



1411126

<https://www.phoenixcontact.com/us/products/1411126>

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver-gray RAL 7001

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

Item number	1411126
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	AF7DCX
GTIN	4046356922579
Weight per piece (including packing)	16.8 g
Weight per piece (excluding packing)	16 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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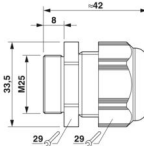
### Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BM-EN-03
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	8 mm
Hole diameter	25.1 mm ... 25.2 mm
Wrench size, union nut	29 mm
Wrench size, support	29 mm
Hexagon angular dimension	33.5 mm
Thread type connection side	M25 x 1.5
Thread pitch	1.5 mm

### Connection data

Tightening torque	5.5 Nm $\pm$ 1 Nm (Cap nut)
	3.5 Nm (Support sleeve)

### Material specifications

Color	silver gray (RAL 7001)
Material Housing	PA (Housing)
Flammability rating according to UL 94	V2
Seal material Cable seal	CR

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Material for screw connection	PA
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## Cable/line

External cable diameter Cable 1	11 mm ... 17 mm
External cable diameter	13 mm ... 17 mm (for UL 514 B)
Halogen-free	no

## 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)

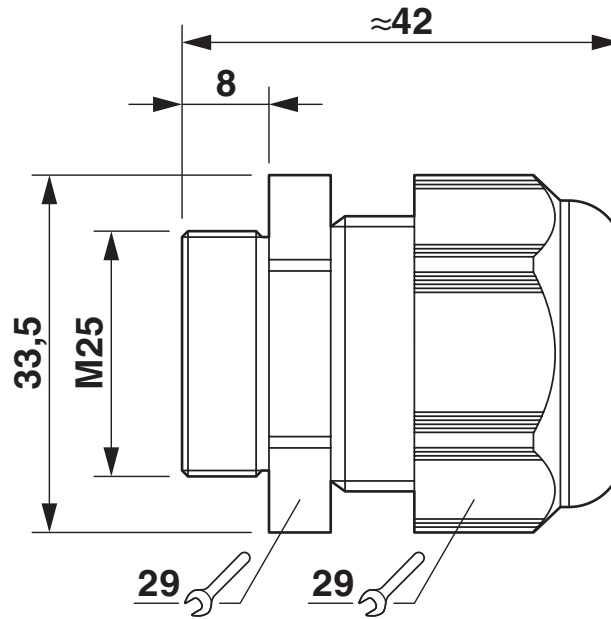
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## Drawings

Dimensional drawing



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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411126>

**DNV**

Approval ID: TAE00003WX



**CSA**

Approval ID: 115116



**VDE Zeichengenehmigung**

Approval ID: 40024424



**UL 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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