

# G-INS-M16-T68N-PNES-GY - Cable gland



1424475

<https://www.phoenixcontact.com/us/products/1424475>

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Cable gland, material for screw connection: PA, external cable diameter 4 mm ... 8 mm, shielding: no, connecting thread: M16 x 1.5, color: silver-grey RAL 7001

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

Item number	1424475
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 686 (C-2-2019)
GTIN	4055626372655
Weight per piece (including packing)	6.29 g
Weight per piece (excluding packing)	6.29 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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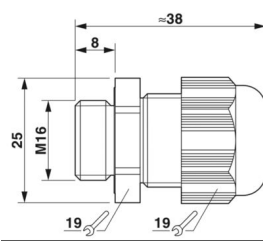
### Product properties

Product type	Full screw connection
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BM-EN-01
Shielded	no
Execution of the strain relief	A

### Characteristics

Category of shock impact	2
Design, Strain relief	A

### Dimensions

Dimensional drawing	
Length	39 mm
Length of the connecting thread	8 mm
Hole diameter	16.1 mm ... 16.2 mm
Wrench size, union nut	19 mm
Wrench size, support	19 mm
Hexagon angular dimension	25 mm
Thread type connection side	M16 x 1.5
Thread pitch	1.5 mm

### Connection data

Tightening torque	2.5 Nm $\pm$ 0.5 Nm (Cap nut)
	2.5 Nm (Support sleeve)

### Material specifications

Color	silver grey (RAL 7001)
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)	4 mm ... 8 mm
External cable diameter ( )	4 mm ... 8 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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## 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

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

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