# G-INVEN-M16-M67N-PNES-LG - Cable gland

1424533

https://www.phoenixcontact.com/us/products/1424533

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 4 mm ... 7 mm, shielding: no, connecting thread: M16 x 1.5, color: lightgray RAL 7035, with pressure compensation element and flat gasket

## Product description

Cable gland with integrated pressure compensation element. Prevents low pressure forming in the housing. Membrane: resistant to water and dirt

## Your advantages

- Reduces the formation of condensation
- Screw connection with integrated pressure compensation element
- Plastic material conforms to UL 746C f1

## Commercial data

| | |
|---|---|
| Item number | 1424533 |
| Packing unit | 5 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF68 |
| Product key | AF7DCX |
| GTIN | 4055626374383 |
| Weight per piece (including packing) | 7.35 g |
| Weight per piece (excluding packing) | 7.35 g |
| Customs tariff number | 39269097 |
| Country of origin | TR |

## Technical data

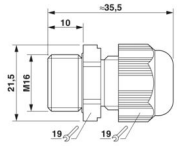
### Product properties

| | |
|---|---|
| Product type | Cable screw gland |
| Application | Standard |
| No. of conductors | 1 |
| Manufacturer | BIMED |
| Manufacturer Designation | BMVG-11 |
| Air flow rate | 25 (l/h at a pressure differential of 70 mbar) |
| Shielded | no |
| Execution of the strain relief | A |

### Characteristics

| | |
|---|---|
| Category of shock impact | 5 |
| Design, Strain relief | A |

### Dimensions

| | |
|---|---|
| Dimensional drawing |   |
| Length | 35.5 mm |
| Length of the connecting thread | 10 mm |
| Hole diameter | 16.1 mm ... 16.2 mm |
| Wrench size, union nut | 19 mm |
| Wrench size, support | 19 mm |
| Thread type connection side | M16 x 1.5 |
| Thread pitch | 1.5 mm |

### Connection data

| | |
|---|---|
| Tightening torque | 2 Nm ±0.2 Nm (Cap nut) |
| | 2.5 Nm (Support sleeve) |

### Material specifications

| | |
|---|---|
| Color | light gray (RAL 7035) |
| Material | PTFE (The material specification refers to the ventilation membrane) |
| Flammability rating according to UL 94 | V2 |
| Seal material | NBR (Flat gasket) |
| | CR |
| Material for screw connection | PA |

### Cable/line

| | |
|---|---|
| External cable diameter Cable 1 | 4 mm ... 7 mm |
| External cable diameter | 4 mm ... 8 mm (for UL 514 B) |
| Halogen-free | no |

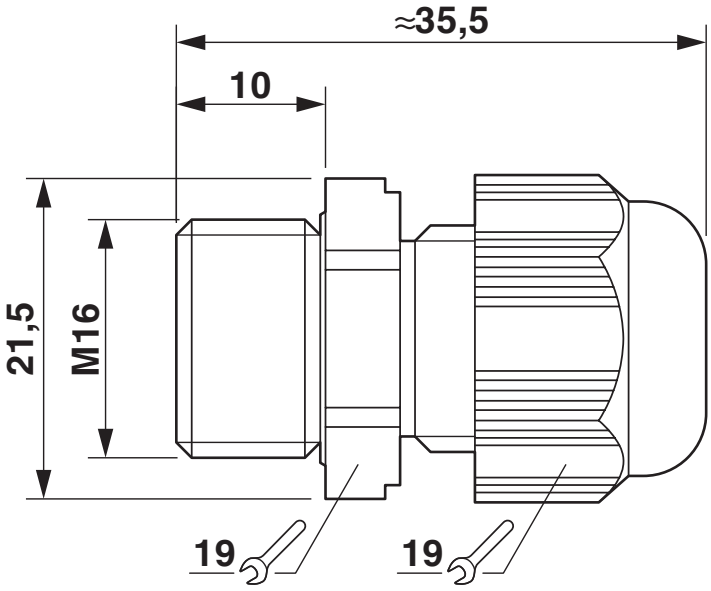
## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP67 |
| | IP66 |
| Enclosure rating (NEMA) | 1 |
| | 4 |
| | 4X |
| | 12 |
| | 13 |
| Ambient temperature (operation) | -20 °C ... 100 °C (static) |

## Drawings

Dimensional drawing




Dimensional drawing

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424533

**DNV**
Approval ID: TAE00003WX

**cUL Recognized**
Approval ID: E199260

**UL Recognized**
Approval ID: E199260

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-15.0 | 27140801 |
| ECLASS-13.0 | 27140801 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC000441 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121300 |

## 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% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 0.635 kg CO2e |


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