# G-INS-PG9-M68N-PNES-LG - Cable gland

1424486

https://www.phoenixcontact.com/us/products/1424486

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 4 mm ... 8 mm, shielding: no, connecting thread: Pg9, color: lightgray RAL 7035

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

| | |
|---|---|
| Item number | 1424486 |
| Packing unit | 10 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF68 |
| Product key | AF7DCX |
| GTIN | 4055626373164 |
| Weight per piece (including packing) | 6.21 g |
| Weight per piece (excluding packing) | 6.21 g |
| Customs tariff number | 39269097 |
| Country of origin | TR |

## Technical data

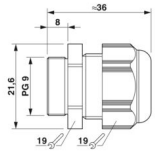
### Mounting

| | |
|---|---|
| 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 |

### Product properties

| | |
|---|---|
| Product type | Cable screw gland |
| Application | Standard |
| No. of conductors | 1 |
| Manufacturer | BIMED |
| Manufacturer Designation | BS-12 |
| Shielded | no |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Length | 36 mm |
| Length of the connecting thread | 8 mm |
| Hole diameter | 15.3 mm ... 15.4 mm |
| Wrench size, union nut | 19 mm |
| Wrench size, support | 19 mm |
| Hexagon angular dimension | 21.6 mm |
| Thread type connection side | Pg9 |

### Connection data

| | |
|---|---|
| Tightening torque | 2.5 Nm ±0.5 Nm (Cap nut) |
| | 1.5 Nm (Support sleeve) |

### Material specifications

| | |
|---|---|
| Color | light gray (RAL 7035) |
| Flammability rating according to UL 94 | V2 |
| Material grommet GRP | CR |
| Material for screw connection | PA |

### Cable/line

| | |
|---|---|
| External cable diameter | 4 mm ... 8 mm |
| | 4 mm ... 8 mm (for UL 514 B) |

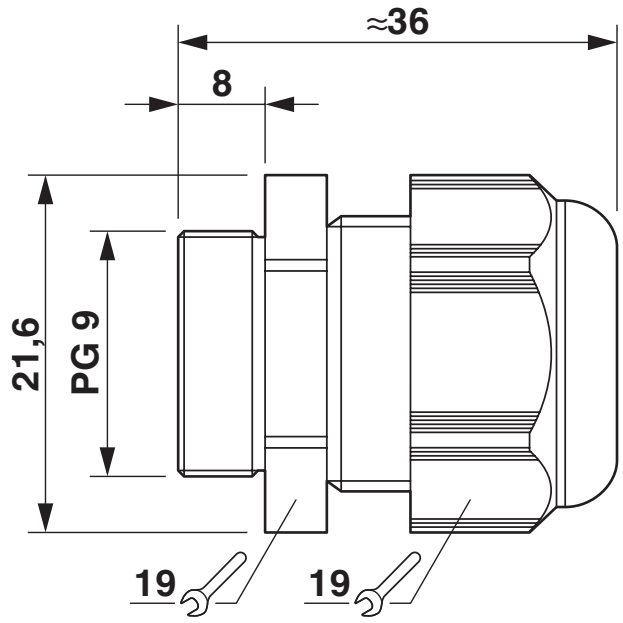
### Environmental and real-life conditions

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) |

## Drawings

Dimensional drawing




Dimensional drawing

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424486

**DNV**
Approval ID: TAE00003WX

**CSA**
Approval ID: 115116

**UL Recognized**
Approval ID: E199260

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27140801 |
| ECLASS-15.0 | 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 | 0.048 kg CO2e |


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