# G-INS-M50-L68L-PNES-LG - Cable gland

1417657

https://www.phoenixcontact.com/us/products/1417657

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Cable gland, material for screw connection: PA, application: Standard, external cable diameter 30 mm ... 36 mm, shielding: no, connecting thread: M50 x 1.5, color: lightgrey RAL 7035

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

| | |
|---|---|
| Item number | 1417657 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF68 |
| Product key | BF7DCX |
| Catalog page | Page 686 (C-2-2019) |
| GTIN | 4055626121604 |
| Weight per piece (including packing) | 99.6 g |
| Weight per piece (excluding packing) | 99.6 g |
| Customs tariff number | 39269097 |
| Country of origin | TR |

# G-INS-M50-L68L-PNES-LG - Cable gland

1417657

https://www.phoenixcontact.com/us/products/1417657

## 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
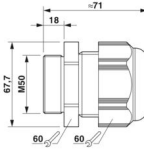
| | |
|---|---|
| Product type | Cable screw gland |
| Application | Standard |
| No. of conductors | 1 |
| Manufacturer | BIMED |
| Manufacturer Designation | BM-19 |
| Shielded | no |
| Execution of the strain relief | A |

### Characteristics

| | |
|---|---|
| Category of shock impact | 4 |
| Design, Strain relief | A |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Length | 71 mm |
| Length of the connecting thread | 18 mm |
| Hole diameter | 50.1 mm ... 50.3 mm |
| Wrench size, union nut | 60 mm |
| Wrench size, support | 60 mm |
| Hexagon angular dimension | 67.7 mm |
| Thread type connection side | M50 x 1.5 |
| Thread pitch | 1.5 mm |

### Connection data

| | |
|---|---|
| Tightening torque | 20 Nm ±2 Nm (Cap nut) |
| | 8 Nm (Support sleeve) |

### Material specifications

| | |
|---|---|
| Color | light grey (RAL 7035) |
| Flammability rating according to UL 94 | V2 |
| Seal material Cable seal | CR |
| Material for screw connection | PA |

## Cable/line

| | |
|---|---|
| External cable diameter Cable 1 | 30 mm ... 36 mm |
| External cable diameter | 30 mm ... 38 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) |

# G-INS-M50-L68L-PNES-LG - Cable gland

1417657

https://www.phoenixcontact.com/us/products/1417657

## Drawings

Dimensional drawing
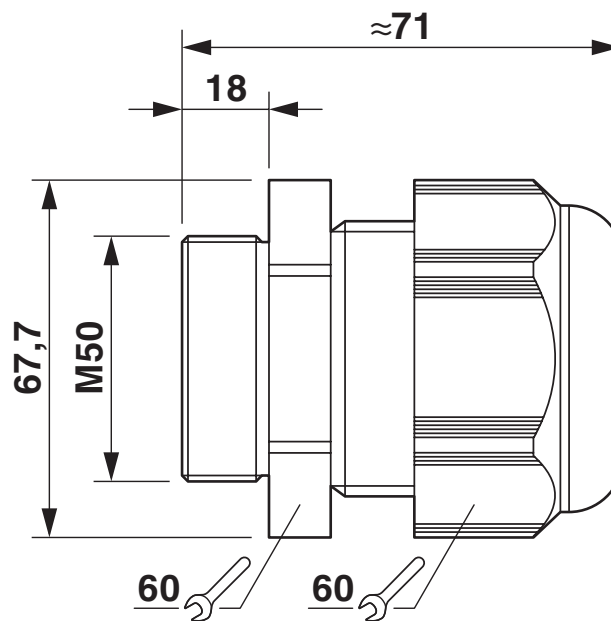


Dimensional drawing

# G-INS-M50-L68L-PNES-LG - Cable gland

1417657

https://www.phoenixcontact.com/us/products/1417657

## Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1417657

| **DNV** |
| --- |
| Approval ID: TAE00003WX |

| **UL Listed** |
| --- |
| Approval ID: E199260 |

| **cUL Listed** |
| --- |
| Approval ID: E199260 |

| **cULus Listed** |
| --- |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-11.0 | 27144432 |
| ECLASS-12.0 | 27140801 |
| ECLASS-13.0 | 27140801 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC000441 |

### UNSPSC

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

# G-INS-M50-L68L-PNES-LG - Cable gland

1417657

https://www.phoenixcontact.com/us/products/1417657

## 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% |

# G-INS-M50-L68L-PNES-LG - Cable gland

1417657

https://www.phoenixcontact.com/us/products/1417657

## Accessories

### A-INL-M50-P-LG - Counter nut

1417665

https://www.phoenixcontact.com/us/products/1417665

Counter nut, for threads M50 x 1.5, color: light grey

### SEALING PLUG 35X35 RD - Closing cap

1421865

https://www.phoenixcontact.com/us/products/1421865

Closing cap, color: red