# G-INS-M32-M68N-NNES-S - Cable gland

1411166

https://www.phoenixcontact.com/us/products/1411166

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Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver-colored, with O-ring

## Commercial data

| | |
|---|---|
| Item number | 1411166 |
| Packing unit | 5 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF68 |
| Product key | AF7DAX |
| GTIN | 4046356923002 |
| Weight per piece (including packing) | 87.8 g |
| Weight per piece (excluding packing) | 85.9 g |
| Customs tariff number | 74198090 |
| 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 |

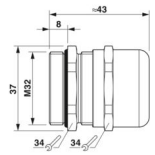
### Product properties

| | |
|---|---|
| Product type | Cable screw gland |
| Application | Standard |
| No. of conductors | 1 |
| Manufacturer | BIMED |
| Manufacturer Designation | BMBC-E4 |
| Shielded | no |
| Execution of the strain relief | A |

### Characteristics

| | |
|---|---|
| Category of shock impact | 6 |
| Design, Strain relief | A |

### Dimensions

| | |
|---|---|
| Dimensional drawing |   |
| Length | 43 mm |
| Length of the connecting thread | 8 mm |
| Hole diameter | 32.1 mm ... 32.3 mm |
| Wrench size, union nut | 34 mm |
| Wrench size, support | 34 mm |
| Hexagon angular dimension | 37 mm |
| Thread type connection side | M32 x 1.5 |
| Thread pitch | 1.5 mm |

### Connection data

| | |
|---|---|
| Tightening torque | 15 Nm ±1 Nm (Cap nut) |
| | 6 Nm (Support sleeve) |

### Material specifications

| | |
|---|---|
| Color | brass color |
| Material Compression ring | PA 6 |
| Material grommet GRP | Perbunan |
| | CR |

| | |
|---|---|
| Material for screw connection | Brass, nickel-plated |

## Cable/line

| | |
|---|---|
| External cable diameter Cable 1 | 15 mm ... 21 mm |
| External cable diameter | 17 mm ... 21 mm (for UL 514 B) |
| Halogen-free | no |

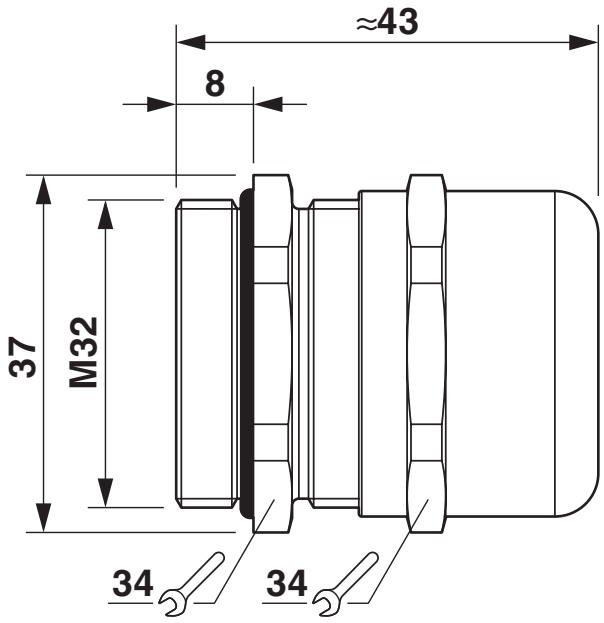
## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP66 |
| | IP68 (5 bar, 30 min.) |
| | IP69 (DIN EN 60529 / IEC 60529) |
| Enclosure rating (NEMA) | 4X |
| 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/1411166

**DNV**
Approval ID: TAE00003WY

**UL Listed**
Approval ID: E199260

**cUL Listed**
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 |
| Exemption | 6(c) |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | 1d82da5d-1770-4337-8a92-619016fc6f0a |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 0.732 kg CO2e |


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