# G-INS-M40-M68N-SNES-S - Cable gland

1424546

https://www.phoenixcontact.com/us/products/1424546

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Cable gland, material for screw connection: Stainless steel 1.4305, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver-colored, with O-ring

## Commercial data

| | |
|---|---|
| Item number | 1424546 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF68 |
| Product key | AF7DAX |
| GTIN | 4055626374512 |
| Weight per piece (including packing) | 161.5 g |
| Weight per piece (excluding packing) | 161.5 g |
| Customs tariff number | 73269098 |
| 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 |

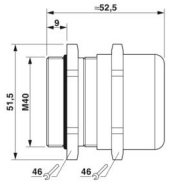
### Product properties

| | |
|---|---|
| Product type | Cable screw gland |
| Application | Standard |
| No. of conductors | 1 |
| Manufacturer | BIMED |
| Manufacturer Designation | BMSC-E5 |
| Shielded | no |
| Execution of the strain relief | A |

### Characteristics

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

### Dimensions

| | |
|---|---|
| Dimensional drawing |   |
| Length | 52.5 mm |
| Length of the connecting thread | 9 mm |
| Hole diameter | 40.1 mm ... 40.3 mm |
| Wrench size, union nut | 46 mm |
| Wrench size, support | 46 mm |
| Hexagon angular dimension | 51.5 mm |
| Thread type connection side | M40 x 1.5 |
| Thread pitch | 1.5 mm |

### Connection data

| | |
|---|---|
| Tightening torque | 17 Nm (Cap nut) |
| | 12 Nm (Support sleeve) |
| | for UL514 B: union nut |

### Material specifications

| | |
|---|---|
| Color | Steel/stainless steel color |
| Material Compression ring | PA 6 |

| | |
|---|---|
| Material grommet GRP | Perbunan (O-ring) |
| | CR |
| Material for screw connection | Stainless steel 1.4305 |

## Cable/line

| | |
|---|---|
| External cable diameter Cable 1 | 19 mm ... 28 mm |
| External cable diameter | 21 mm ... 28 mm (for UL 514 B) |

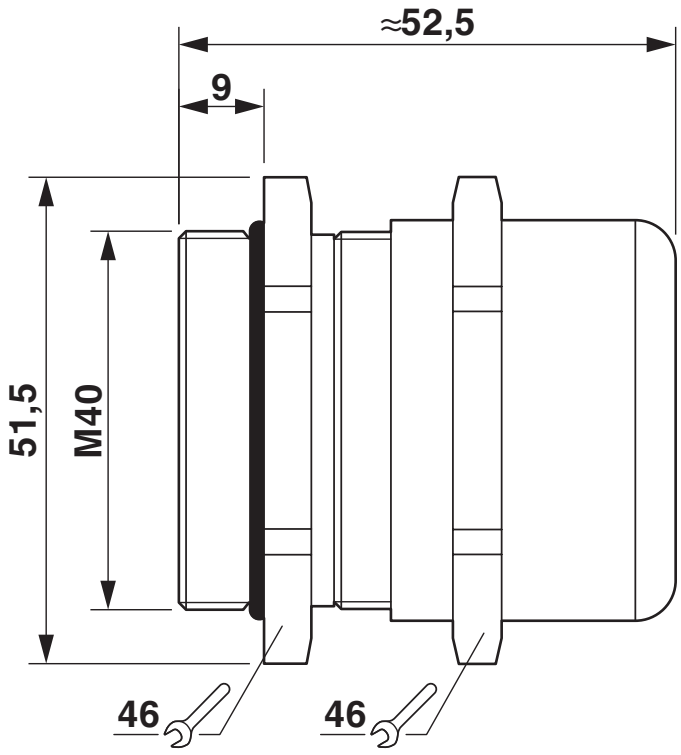
## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP68 (5 bar, 30 min.) |
| | IP66 |
| | IP69 |
| 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/1424546

**UL Listed**
Approval ID: E199260

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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 | 6.875 kg CO2e |


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