

# Cable gland - G-INS-M12-M68N-SNES-S - 1424541

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Cable gland, cable gland material: Stainless steel 1.4305, external cable diameter 3 mm ... 6.5 mm, shielding: no, connecting thread: M12 x 1.5, color: silver, with O-ring



## Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 1 pc          |
| GTIN         |               |
| GTIN         | 4055626374468 |

## Technical data

### Dimensions

|                                 |                                |
|---------------------------------|--------------------------------|
| Length                          | 33.5 mm                        |
| Wrench size, union nut          | 14 mm                          |
| Wrench size, support            | 14 mm                          |
| Hexagon angular dimension       | 15.5 mm                        |
| Length of the connecting thread | 6 mm                           |
| Feed-through hole diameter      | 12.1 mm ... 12.3 mm            |
| External cable diameter         | 3 mm ... 6.5 mm                |
|                                 | 4 mm ... 6.5 mm (for UL 514 B) |

### Ambient conditions

|                                 |                            |
|---------------------------------|----------------------------|
| Degree of protection (IP)       | IP68 (5 bar, 30 min.)      |
|                                 | IP66                       |
|                                 | IP69                       |
| Ambient temperature (operation) | -40 °C ... 100 °C (static) |

### General

|                      |                        |
|----------------------|------------------------|
| No. of conductors    | 1                      |
| Cable gland material | Stainless steel 1.4305 |
| Material, insert     | Polyamide 6            |

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### Technical data

#### General

|                                |   |
|--------------------------------|---|
| Cable seal material            | CR  |
| Sealing material               | Perbunan (O-ring)   |
| Shielded                       | no  |
| Thread type on connection side | M12 x 1.5   |
| Torque                         | 5.5 Nm (Union nut)  |
|                                | 5.5 Nm (Support sleeve)   |
|                                | 3 Nm (for UL514 B: union nut)   |
| Color                          | silver  |
| Impact category                | 2   |
| Execution of the strain relief | A   |
| Assembly instructions          | 1) Mount screw connection support in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque |
| Manufacturer                   | BIMED   |
| Manufacturer Designation       | BMSC-0S   |

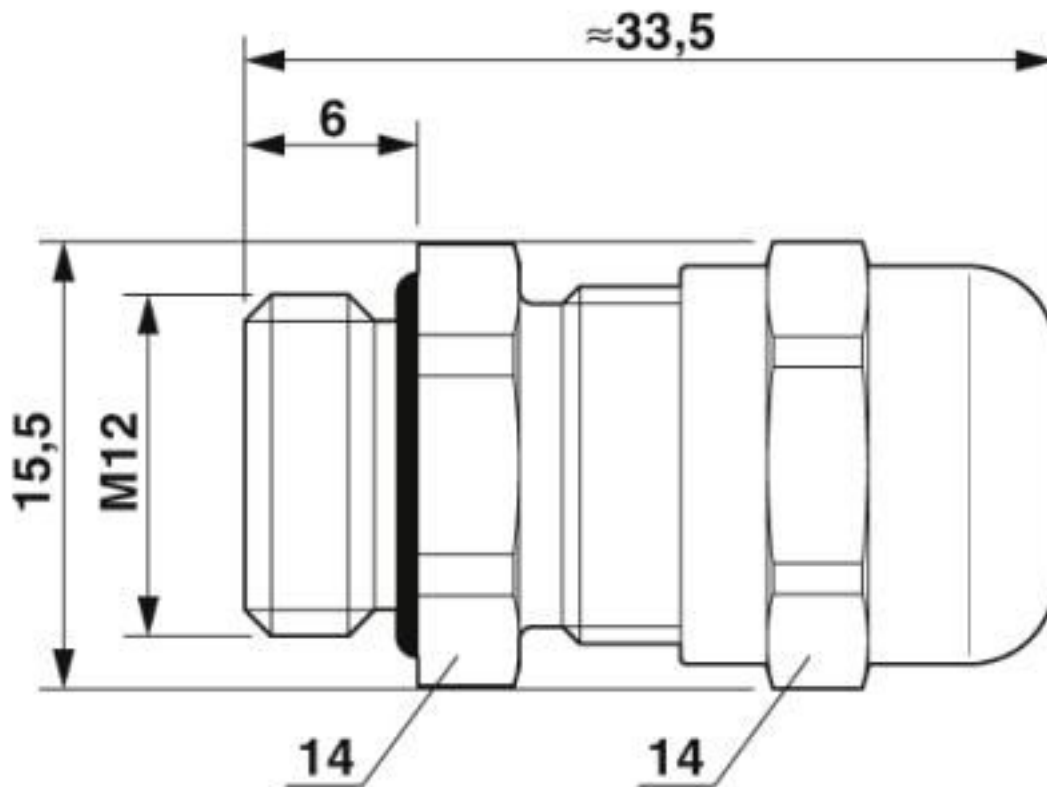
#### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 years  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

# Cable gland - G-INS-M12-M68N-SNES-S - 1424541

Dimensional drawing



Dimensional drawing

## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27144432 |
| eCl@ss 4.0    | 27141200 |
| eCl@ss 4.1    | 27141200 |
| eCl@ss 5.0    | 27149100 |
| eCl@ss 5.1    | 27149109 |
| eCl@ss 6.0    | 27149100 |
| eCl@ss 7.0    | 27149109 |
| eCl@ss 8.0    | 27149109 |
| eCl@ss 9.0    | 27144432 |

ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC000441 |
| ETIM 6.0 | EC000441 |
| ETIM 7.0 | EC000441 |

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## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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### Approval details

|                  |  |   |         |
|------------------|--|---|---------|
| UL Recognized    |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E199260 |
| cUL Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E199260 |
| cULus Recognized |  |   |         |

## Accessories

### Accessories

#### Flat nut

Counter nut - A-INL-M12-S-S - 1425175



Counter nut, material: Stainless steel 1.4305, for threads M12 x 1.5, color: silver

### Sealing plugs

Closing cap - SEALING PLUG 5X12 RD - 1400253



Closing cap, material: PA, color: red

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