

## Cable gland - G-INS-PG9-S68N-PNES-GY - 1411141

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Cable gland, cable gland material: PA, external cable diameter 4 mm ... 8 mm, shielding: no, connecting thread: Pg9, color: silver-gray RAL 7001

### Your advantages

- ✓ Plastic material conforms to UL 746C f1



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 10 pc                                                                                                   |
| Minimum order quantity               | 10 pc                                                                                                   |
| GTIN                                 | <br>4 046356 922760 |
| GTIN                                 | 4046356922760                                                                                           |
| Weight per Piece (excluding packing) | 6.000 g                                                                                                 |
| Weight per piece (including packing) | 6.040 g                                                                                                 |
| Custom tariff number                 | 39269097                                                                                                |
| Country of origin                    | Turkey                                                                                                  |

### Technical data

#### Dimensions

|                                 |                              |
|---------------------------------|------------------------------|
| Length                          | 36 mm                        |
| Wrench size, union nut          | 19 mm                        |
| Wrench size, support            | 19 mm                        |
| Hexagon angular dimension       | 21.6 mm                      |
| Length of the connecting thread | 8 mm                         |
| Feed-through hole diameter      | 15.3 mm ... 15.4 mm          |
| External cable diameter         | 4 mm ... 8 mm                |
|                                 | 4 mm ... 8 mm (for UL 514 B) |

#### Ambient conditions

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## Technical data

### Ambient conditions

|                                 |                            |
|---------------------------------|----------------------------|
| Degree of protection (IP)       | IP68 (5 bar / 0.5 h)       |
| Ambient temperature (operation) | -40 °C ... 100 °C (static) |

### General

|                                        |                                                                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| No. of conductors                      | 1                                                                                                                                       |
| Cable gland material                   | PA                                                                                                                                      |
| Cable seal material                    | CR                                                                                                                                      |
| Flammability rating according to UL 94 | V2                                                                                                                                      |
|                                        | V2 (Housing)                                                                                                                            |
| Shielded                               | no                                                                                                                                      |
| Thread type on connection side         | Pg9                                                                                                                                     |
| Torque                                 | 2.5 Nm ± (0.5 Nm)                                                                                                                       |
|                                        | 1.5 Nm (Support sleeve)                                                                                                                 |
| Color                                  | silver-gray RAL 7001                                                                                                                    |
| 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               | BS-02                                                                                                                                   |

### Standards and Regulations

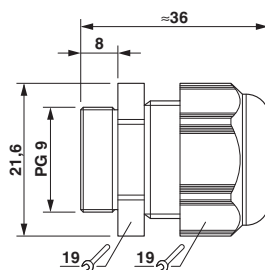
|                                        |     |
|----------------------------------------|-----|
| Halogen-free                           | no  |
| Connection in acc. with standard       | CSA |
| Flammability rating according to UL 94 | V2  |

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Dimensional drawing



Dimensional drawing

# Cable gland - G-INS-PG9-S68N-PNES-GY - 1411141

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27144432 |
| eCl@ss 11.0   | 27144432 |
| eCl@ss 4.0    | 27141200 |
| eCl@ss 4.1    | 27141200 |
| eCl@ss 5.0    | 27149100 |
| eCl@ss 5.1    | 27149100 |
| eCl@ss 6.0    | 27149100 |
| eCl@ss 7.0    | 27149109 |
| eCl@ss 9.0    | 27144432 |

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC000441 |
| ETIM 6.0 | EC000441 |
| ETIM 7.0 | EC000441 |

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121311 |
| UNSPSC 18.0 | 39121311 |
| UNSPSC 19.0 | 39121311 |
| UNSPSC 20.0 | 39121311 |
| UNSPSC 21.0 | 39121311 |

## Approvals

### Approvals

#### Approvals

CSA / UL Recognized / DNV GL

#### Ex Approvals

### Approval details

|     |                                                                                     |                                                                                                                                         |        |
|-----|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------|
| CSA |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 115116 |
|-----|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------|

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

## Cable gland - G-INS-PG9-S68N-PNES-GY - 1411141

### Approvals

DNV GL



<https://approvalfinder.dnvgl.com/>

TAE00003WX

### Accessories

#### Accessories

##### Flat nut

Counter nut - A-INL-PG9-P-GY - 1411222



Counter nut, material: PA, for threads Pg9, color: silver-gray RAL 7001

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### Sealing plugs

Closing cap - SEALING PLUG 6X16 RD - 1400254



Closing cap, material: PA, color: red