

## Cable gland - G-INS-M16-T68N-PNES-LG - 1424470

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Cable gland, Cable gland material: PA, External cable diameter 4 mm ... 8 mm, Shielding: No, Connecting thread: M16, Color: lightgrey RAL 7035

RoHS

### Key Commercial Data

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit         | 1                                                                                                       |
| GTIN                 | <br>4 055626 374178 |
| GTIN                 | 4055626374178                                                                                           |
| Custom tariff number | 39269097                                                                                                |

### Technical data

#### Dimensions

|                                 |                              |
|---------------------------------|------------------------------|
| Length                          | 43 mm                        |
| Wrench size, union nut          | 19 mm                        |
| Wrench size, support            | 19 mm                        |
| Hexagon angular dimension       | 25 mm                        |
| Length of the connecting thread | 8 mm                         |
| Feed-through hole diameter      | 16.1 mm ... 16.2 mm          |
| External cable diameter         | 4 mm ... 8 mm                |
|                                 | 4 mm ... 8 mm (for UL 514 B) |

#### Ambient conditions

|                                 |                            |
|---------------------------------|----------------------------|
| Degree of protection            | IP68 (5 bar / 0.5 h)       |
|                                 | IP66                       |
| Ambient temperature (operation) | -20 °C ... 100 °C (static) |

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## Technical data

### General

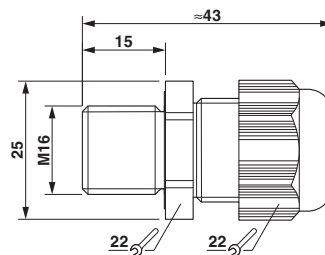
|                                        |                                                                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| No. of conductors                      | 1                                                                                                                                          |
| Cable gland material                   | PA                                                                                                                                         |
| Cable seal material                    | Neoprene                                                                                                                                   |
| Shielded                               | No                                                                                                                                         |
| Thread type on connection side         | M16                                                                                                                                        |
| Thread pitch                           | 1.5 mm                                                                                                                                     |
| Torque                                 | 2.5 Nm (Union nut)                                                                                                                         |
|                                        | 2.5 Nm (Support)                                                                                                                           |
|                                        | 4 Nm (for UL514 B: union nut / support)                                                                                                    |
| Flammability rating according to UL 94 | V2                                                                                                                                         |
|                                        | V2 (Housing)                                                                                                                               |
| Color                                  | lightgrey RAL 7035                                                                                                                         |
| Impact category                        | 2                                                                                                                                          |
| Execution of the strain relief         | A                                                                                                                                          |
| Assembly instructions                  | 1) Mount screw connection support in the housing using the correct torque<br>2) Insert cable 3) Tighten union nut using the correct torque |
| Manufacturer                           | BIMED                                                                                                                                      |
| Manufacturer Designation               | BM-EN-11                                                                                                                                   |

### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V2 |
|----------------------------------------|----|

## Drawings

Dimensional drawing



Dimensional drawing

## Approvals

### Approvals

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## Approvals

Approvals

UL Recognized / EAC

Ex Approvals

### Approval details

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