

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

1424470

<https://www.phoenixcontact.com/us/products/1424470>



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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 4 mm ... 8 mm, shielding: no, connecting thread: M16 x 1.5, color: lightgrey RAL 7035

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1424470 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BF68 |
| Product key | BF7DCX |
| Catalog page | Page 686 (C-2-2019) |
| GTIN | 4055626374178 |
| Weight per piece (including packing) | 6.3 g |
| Weight per piece (excluding packing) | 6.1 g |
| Customs tariff number | 39269097 |
| Country of origin | TR |

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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 | BM-EN-11 |
| Shielded | no |
| Execution of the strain relief | A |

Characteristics

| | |
|--------------------------|---|
| Category of shock impact | 2 |
| Design, Strain relief | A |

Dimensions

| Dimensional drawing | |
|---------------------------------|---------------------|
| | |
| Length | 43 mm |
| Length of the connecting thread | 8 mm |
| Hole diameter | 16.1 mm ... 16.2 mm |
| Wrench size, union nut | 19 mm |
| Wrench size, support | 19 mm |
| Hexagon angular dimension | 25 mm |
| Thread type connection side | M16 x 1.5 |
| Thread pitch | 1.5 mm |

Connection data

| | |
|-------------------|--|
| Tightening torque | 2.5 Nm \pm 0.5 Nm (Cap nut) 2.5 Nm (Support sleeve) |
|-------------------|--|

Material specifications

| | |
|--|-----------------------|
| Color | light grey (RAL 7035) |
| Flammability rating according to UL 94 | V2 |

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| | |
|-------------------------------|----|
| Seal material Cable seal | CR |
| Material for screw connection | PA |

Cable/line

| | |
|---------------------------------|------------------------------|
| External cable diameter Cable 1 | 4 mm ... 8 mm |
| External cable diameter | 4 mm ... 8 mm (for UL 514 B) |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|----------------------------|
| Degree of protection | IP66 |
| | IP68 (5 bar / 0.5 h) |
| Enclosure rating (NEMA) | 1 |
| | 4 |
| | 4X |
| | 12 |
| | 13 |
| Ambient temperature (operation) | -40 °C ... 100 °C (static) |

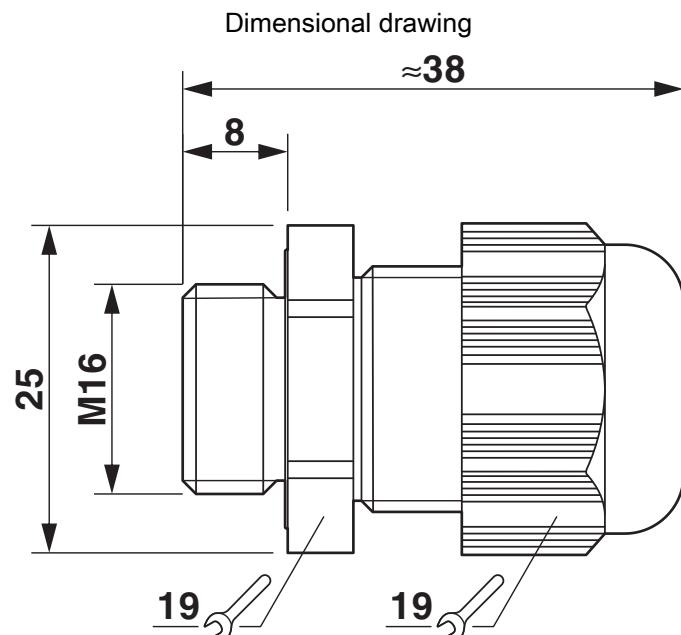
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Drawings



Dimensional drawing

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Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424470>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



UL Recognized

Approval ID: E199260

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27144432 |
| ECLASS-12.0 | 27140801 |
| ECLASS-13.0 | 27140801 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000441 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121300 |
|-------------|----------|

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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% |
|-------------------------------------|----------------------------|

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Accessories

A-INL-M16-P-LG - Counter nut

1417660

<https://www.phoenixcontact.com/us/products/1417660>

Counter nut, for threads M16 x 1.5, color: light grey



SEALING PLUG 8X16 RD - Closing cap

1400257

<https://www.phoenixcontact.com/us/products/1400257>

Closing cap, color: red



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