

G-INS-M20-M68N-SNES-S - Cable gland



1424543

<https://www.phoenixcontact.com/us/products/1424543>

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Cable gland, material for screw connection: Stainless steel 1.4305, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1424543 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF68 |
| Product key | BF7DAX |
| Catalog page | Page 692 (C-2-2019) |
| GTIN | 4055626374482 |
| Weight per piece (including packing) | 31.6 g |
| Weight per piece (excluding packing) | 29.4 g |
| Customs tariff number | 73269098 |
| 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 |
|---------------|---|

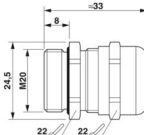
Product properties

| | |
|--------------------------------|-------------------|
| Product type | Cable screw gland |
| Application | Standard |
| No. of conductors | 1 |
| Manufacturer | BIMED |
| Manufacturer Designation | BMSC-02 |
| Shielded | no |
| Execution of the strain relief | A |

Characteristics

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

Dimensions

| | |
|---------------------------------|--|
| Dimensional drawing |  |
| Length | 33 mm |
| Length of the connecting thread | 8 mm |
| Hole diameter | 20.1 mm ... 20.3 mm |
| Wrench size, union nut | 22 mm |
| Wrench size, support | 22 mm |
| Hexagon angular dimension | 24.5 mm |
| Thread type connection side | M20 x 1.5 |
| Thread pitch | 1.5 mm |

Connection data

| | |
|-------------------|-------------------------|
| Tightening torque | 8 Nm (Cap nut) |
| | 5.5 Nm (Support sleeve) |
| | for UL514 B: union nut |

Material specifications

| | |
|---------------------------|-------------------------|
| Color | Steel / stainless steel |
| Material Compression ring | PA 6 |
| Seal material O-ring | Perbunan |

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| | |
|-------------------------------|------------------------|
| Seal material Cable seal | CR |
| Material for screw connection | Stainless steel 1.4305 |

Cable/line

| | |
|---------------------------------|--------------------------------|
| External cable diameter Cable 1 | 6 mm ... 12 mm |
| External cable diameter | 10 mm ... 12 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) |

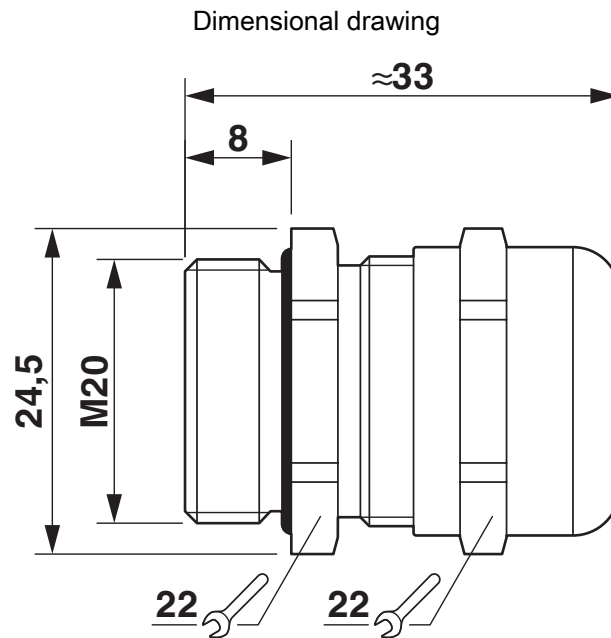
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Drawings



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424543>



UL Listed
Approval ID: E199260



cUL Listed
Approval ID: E199260

cULus Listed

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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-M20-S-S - Counter nut

1411249

<https://www.phoenixcontact.com/us/products/1411249>

Counter nut, for threads M20 x 1.5, color: silver



SEALING PLUG 9X16 RD - Closing cap

1400259

<https://www.phoenixcontact.com/us/products/1400259>

Closing cap, color: red



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