

G-INS-M25-S68N-NNES-S - Cable gland



1424527

<https://www.phoenixcontact.com/us/products/1424527>

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Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 10 mm ... 14 mm, shielding: no, connecting thread: M25 x 1.5, color: silver-colored, with O-ring

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1424527 |
| Packing unit | 5 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF68 |
| Product key | AF7DAX |
| GTIN | 4055626374321 |
| Weight per piece (including packing) | 47.26 g |
| Weight per piece (excluding packing) | 47.26 g |
| Customs tariff number | 74198090 |
| 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 | BMBC-03 |
| Shielded | no |
| Execution of the strain relief | A |

Characteristics

| | |
|--------------------------|---|
| Category of shock impact | 6 |
| Design, Strain relief | A |

Dimensions

| | |
|---------------------------------|--|
| Dimensional drawing |  |
| Length | 36 mm |
| Length of the connecting thread | 8 mm |
| Hole diameter | 25.1 mm ... 25.3 mm |
| Wrench size, union nut | 24 mm |
| Wrench size, support | 27 mm |
| Hexagon angular dimension | 30 mm |
| Thread type connection side | M25 x 1.5 |
| Thread pitch | 1.5 mm |

Connection data

| | |
|-------------------|----------------------------|
| Tightening torque | 11 Nm \pm 1 Nm (Cap nut) |
| | 6 Nm (Support sleeve) |

Material specifications

| | |
|---------------------------|-------------|
| Color | brass color |
| Material Compression ring | PA 6 |
| Seal material O-ring | Perbunan |
| Seal material Cable seal | CR |

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| | |
|-------------------------------|----------------------|
| Material for screw connection | Brass, nickel-plated |
|-------------------------------|----------------------|

Cable/line

| | |
|---------------------------------|--------------------------------|
| External cable diameter Cable 1 | 10 mm ... 14 mm |
| External cable diameter | 10 mm ... 14 mm (for UL 514 B) |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|---------------------------------|
| Degree of protection | IP66 |
| | IP68 (5 bar, 30 min.) |
| | IP69 (DIN EN 60529 / IEC 60529) |
| Ambient temperature (operation) | -40 °C ... 100 °C (static) |

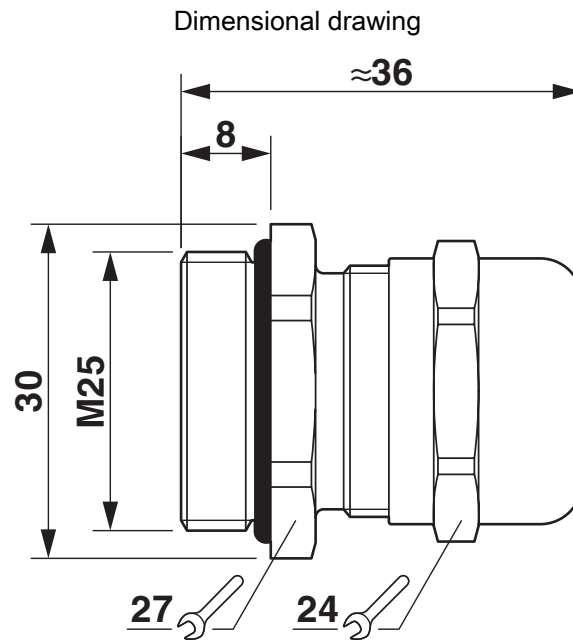
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Drawings



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424527>

DNV

Approval ID: TAE00003WY



UL Listed

Approval ID: E199260



cUL Listed

Approval ID: E199260

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27140801 |
| ECLASS-15.0 | 27140801 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000441 |
|-----------|----------|

UNSPSC

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

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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | 106f2b95-4040-4a57-ac1e-9ae427704b93 |

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