

# G-INESR-M25-M68N-NEPDS-S - Cable gland

1415193

<https://www.phoenixcontact.com/us/products/1415193>



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Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 9 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with external strain relief, with O-ring

## Your advantages

- Weatherproof sealing material
- Halogen-free

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1415193             |
| Packing unit                         | 5 pc                |
| Minimum order quantity               | 5 pc                |
| Sales key                            | BF68                |
| Product key                          | BF7DEX              |
| Catalog page                         | Page 698 (C-2-2019) |
| GTIN                                 | 4055626038216       |
| Weight per piece (including packing) | 120.22 g            |
| Weight per piece (excluding packing) | 115.45 g            |
| Customs tariff number                | 74198090            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|                                |                             |
|--------------------------------|-----------------------------|
| Product type                   | Cable screw gland           |
| Application                    | Standard                    |
| No. of conductors              | 1                           |
| Type                           | with external strain relief |
| Manufacturer                   | WISKA                       |
| Manufacturer Designation       | EMSKVZ 25                   |
| Shielded                       | no                          |
| Execution of the strain relief | B                           |
|                                |                             |
| Data management status         |                             |
| Article revision               | 00                          |

### Characteristics

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

### Dimensions

| Dimensional drawing                      |                      |
|--|----------------------|
|  |                      |
| Length                                   | 42 mm                |
| Length of the connecting thread          | 7 mm                 |
| Length without connecting thread         | 35 mm                |
| Hole diameter                            | 25.1 mm ... 25.2 mm  |
| Wrench size, union nut                   | 29 mm                |
| Wrench size, support                     | 29 mm                |
| Clamping range of the strain relief clip | 9.00 mm ... 17.00 mm |
| Hexagon angular dimension                | 32 mm                |
| Thread type connection side              | M25 x 1.5            |
| Thread pitch                             | 1.5 mm               |

### Connection data

|                   |                             |
|-------------------|-----------------------------|
| Tightening torque | 10 Nm (Union nut: EN 62444) |
|                   | 10 Nm (Support: EN 62444)   |
|                   | 0.4 Nm (Screw for clip)     |

### Material specifications

|                           |             |
|---------------------------|-------------|
| Color                     | Brass color |
| Material Compression ring | PA          |

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|                               |                      |
|-------------------------------|----------------------|
| Seal material O-ring          | EPDM                 |
| Seal material Cable seal      | EPDM                 |
| Material for screw connection | Brass, nickel-plated |

## Cable/line

|                                 |                                   |
|---------------------------------|-----------------------------------|
| External cable diameter Cable 1 | 9 mm ... 17 mm                    |
| External cable diameter         | 7.5 mm ... 11.3 mm (for UL 514 B) |
| Halogen-free                    | yes                               |

## Environmental and real-life conditions

### Ambient conditions

|                                 |   |
|---------------------------------|---|
| Degree of protection            | IP68 (5 bar / 0.5 h)<br>IP69 (DIN EN 60529 / IEC 60529) |
| Ambient temperature (operation) | -40 °C ... 100 °C (static)                              |

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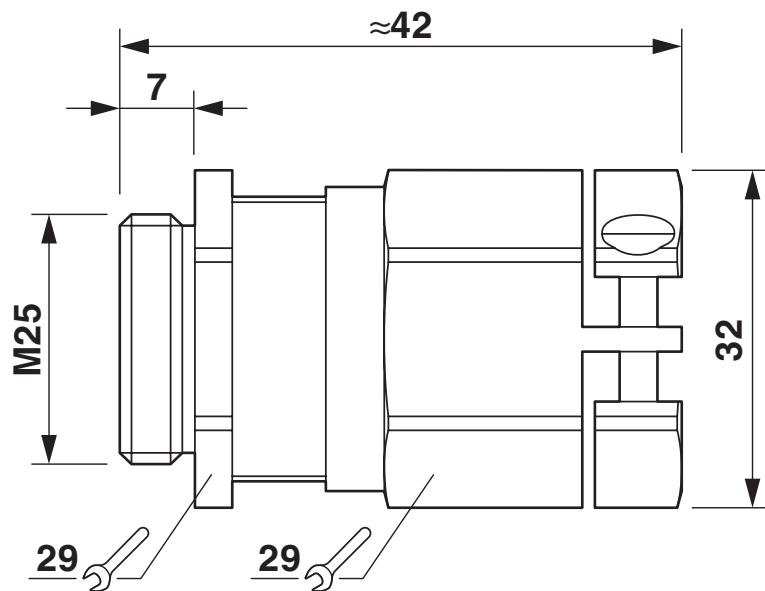


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## Drawings

Dimensional drawing



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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1415193>



**cUL Recognized**

Approval ID: E179850



**UL Recognized**

Approval ID: E179850



**GOST-R**

Approval ID: POCC DE.A\*98.H12052

**cULus Recognized**

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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  |
| 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                                | ae423f35-29fd-48a8-a700-e09c4da940bf |

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