

# HC-M-BS-M25 - Screw plug

1645859

<https://www.phoenixcontact.com/us/products/1645859>



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Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M25 x 1.5, color: silver



## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1645859             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BF68                |
| Product key                          | BF7DZX              |
| Catalog page                         | Page 702 (C-2-2019) |
| GTIN                                 | 4017918951108       |
| Weight per piece (including packing) | 16.8 g              |
| Weight per piece (excluding packing) | 16.46 g             |
| Customs tariff number                | 74198090            |
| Country of origin                    | DE                  |

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## Technical data

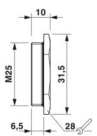
### Product properties

|                        |                            |
|------------------------|----------------------------|
| Product type           | Plug for cable screw gland |
| Data management status |                            |
| Article revision       | 00                         |

### Connection data

|                   |      |
|-------------------|------|
| Tightening torque | 5 Nm |
|-------------------|------|

### Dimensions

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing              |  |
| Length                           | 10 mm                                                                               |
| Length of the connecting thread  | 6.5 mm                                                                              |
| Length without connecting thread | 3.5 mm                                                                              |
| Diameter                         | 25 mm                                                                               |
| Connecting thread diameter       | 25 mm                                                                               |
| Wrench size, union nut           | 28 mm                                                                               |
| Hexagon angular dimension        | 31.5 mm                                                                             |
| Thread type connection side      | M25 x 1.5                                                                           |
| Thread pitch                     | 1.5 mm                                                                              |

### Material specifications

|                               |                      |
|-------------------------------|----------------------|
| Seal material O-ring          | NBR                  |
| Housing surface material      | Ni                   |
| Material for screw connection | Brass, nickel-plated |

### Cable/line

|              |    |
|--------------|----|
| Halogen-free | no |
|--------------|----|

### Environmental and real-life conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient conditions              |                  |
| Degree of protection            | IP68             |
| Ambient temperature (operation) | -20 °C ... 80 °C |

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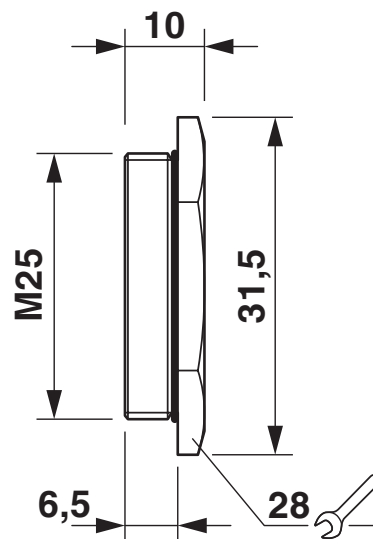
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## Drawings

Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-12.0 | 23111190 |
| ECLASS-11.0 | 23111190 |
| ECLASS-13.0 | 23111190 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000032 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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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                                    | da715902-8f6c-4396-9789-75a8cd54f00d                                                                                                                                                                                              |

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