

# HC-M-BS-M25 - Screw plug

1645859

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1645859       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF68          |
| Product key                          | AF7DZX        |
| 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            |

# HC-M-BS-M25 - Screw plug

1645859

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

## Technical data

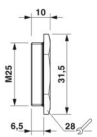
### Product properties

|              |                            |
|--------------|----------------------------|
| Product type | Plug for cable screw gland |
|--------------|----------------------------|

### 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 |

# HC-M-BS-M25 - Screw plug

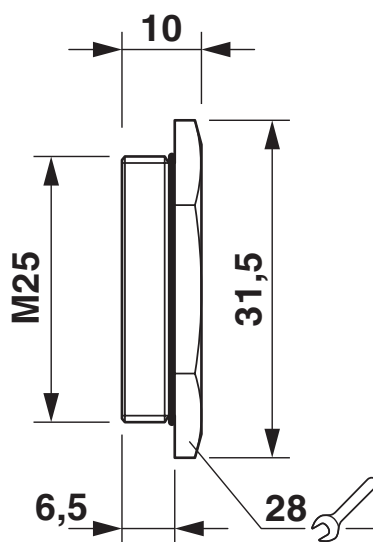
1645859

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



## Drawings

Dimensional drawing



Dimensional drawing

# HC-M-BS-M25 - Screw plug



1645859

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

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 23111190 |
| ECLASS-15.0 | 27140805 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000032 |
|-----------|----------|

### UNSPSC

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

# HC-M-BS-M25 - Screw plug



1645859

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

## 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 |

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.176 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)