

# A-EXSH-M20-68L-N-S - Screw plug



1411104

<https://www.phoenixcontact.com/us/products/1411104>

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Screw plug, material for screw connection: Brass, nickel-plated, application: Ex, connecting thread: M20 x 1.5, color: silver-colored

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1411104       |
| Packing unit                         | 20 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF68          |
| Product key                          | AF7DDX        |
| GTIN                                 | 4046356922197 |
| Weight per piece (including packing) | 36.85 g       |
| Weight per piece (excluding packing) | 35.045 g      |
| Customs tariff number                | 74198090      |
| Country of origin                    | GB            |

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## Technical data

### Notes

|                       |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| Note on Ex protection | This item must only be used with counter nut 1411242 A-INL-M20-N-S for the Ex e type of protection. |
|-----------------------|-----------------------------------------------------------------------------------------------------|

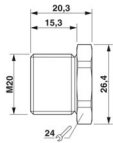
### Product properties

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Product type                | Plug for cable screw gland              |
| Application                 | Ex                                      |
| Manufacturer                | CMP                                     |
| Manufacturer Designation    | 757 M20 Exd/Exe N.PLTD HEX HD STOP PLUG |
| Manufacturer product number | 757DM25                                 |

### Ex data

|                            |     |
|----------------------------|-----|
| Suited for EX-applications | yes |
|----------------------------|-----|

### Dimensions

|                                 |                                                                                      |
|---------------------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing             |  |
| Length                          | 20.3 mm                                                                              |
| Length of the connecting thread | 15.3 mm                                                                              |
| Diameter                        | 20 mm                                                                                |
| Connecting thread diameter      | 20 mm                                                                                |
| Wrench size, union nut          | 24 mm                                                                                |
| Hexagon angular dimension       | 26.4 mm                                                                              |
| Thread type connection side     | M20 x 1.5                                                                            |
| Thread pitch                    | 1.5 mm                                                                               |

### Material specifications

|                               |                      |
|-------------------------------|----------------------|
| Housing surface material      | Ni                   |
| Material for screw connection | Brass, nickel-plated |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                                                                                                                    |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Degree of protection            | IP66 (using the corresponding A-SEW-...P-W flat gasket)<br>IP68 (using the corresponding A-SEW-...P-W flat gasket) |
| Ambient temperature (operation) | -60 °C ... 130 °C                                                                                                  |

### Approvals

Sira 01ATEX1284U

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|       |                                                      |
|-------|------------------------------------------------------|
| ATEX  | Sira 02ATEX1003X                                     |
|       | Ex II 2 GD Ex d IIC & Ex e II, Ex IM2 Ex d I, Ex e I |
| IECEX | IECEX SIR 07.0056X                                   |
|       | Ex d I / Ex e I / Ex d IIC / Ex e II, Ex tD A21 IP6X |

## Standards and regulations

### EN Ex

|                          |                    |
|--------------------------|--------------------|
| Standards/specifications | EN 60079-0, -1, -7 |
|--------------------------|--------------------|

### IEC Ex

|                          |                     |
|--------------------------|---------------------|
| Standards/specifications | IEC 60079-0, -1, -7 |
|--------------------------|---------------------|

### EN Ex

|                          |                |
|--------------------------|----------------|
| Standards/specifications | EN 61241-0, -1 |
|--------------------------|----------------|

### IEC Ex

|                          |                 |
|--------------------------|-----------------|
| Standards/specifications | IEC 61241-0, -1 |
|--------------------------|-----------------|

## Mounting

|               |                                                                                      |
|---------------|--------------------------------------------------------------------------------------|
| Assembly note | Sealed to IP66/IP68 thanks to the use of the A-SEW-20-P-W flat gasket (item 1411283) |
|---------------|--------------------------------------------------------------------------------------|

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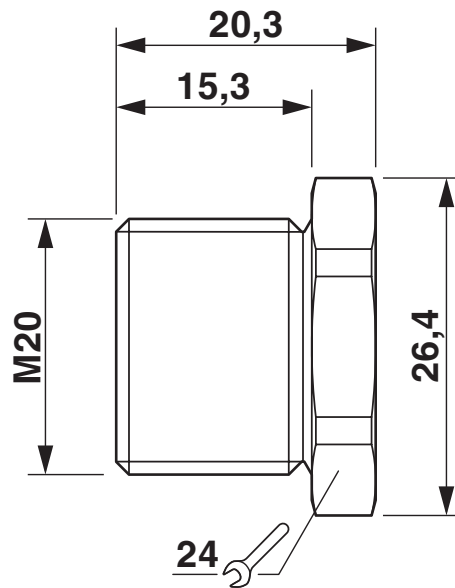
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## Drawings

Dimensional drawing



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## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411104>



**CSA**

Approval ID: 113642



**UL Listed**

Approval ID: E214221



**ATEX**

Approval ID: CML 18ATEX1320X

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 23111190 |
| ECLASS-15.0 | 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: n/a)                       |
| SCIP                                | b5c2a053-1146-4c31-89a1-c45da3e1e2d1 |

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