**PHŒNIX CONTACT**

# Housing screw connection - SACC-FP-M-M12/M14 THR PW - 1420824

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Housing screw connection with M12 standard thread, with O-ring, for 2-piece K, L, and M-coded THR contact carriers

## Your advantages

☑ Easy device integration, thanks to mechanical port screw connections with threaded fastening

☑ Efficient PCB assembly: two-piece connectors for THR soldering

**RoHS**

## Key Commercial Data

| Packing unit | 10 pc |
|---|---|
| Minimum order quantity | 10 pc |
| GTIN | 4 055626 280516 |
| GTIN | 4055626280516 |

## Technical data

### Ambient conditions

| Ambient temperature (operation) | -25 °C ... 85 °C (Plug / socket) |
|---|---|
| | -40 °C ... 85 °C (without mechanical actuation) |
| Degree of protection | IP67 (correctly plugged in and locked) |

### General

| Note | The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration. |
|---|---|
| Connection method | THR- und Wellenlötkontakte |
| Insertion/withdrawal cycles | > 100 |
| Torque | 1.5 Nm ... 2 Nm (Installation-side) |

### Material

| Material | Brass, nickel-plated |
|---|---|

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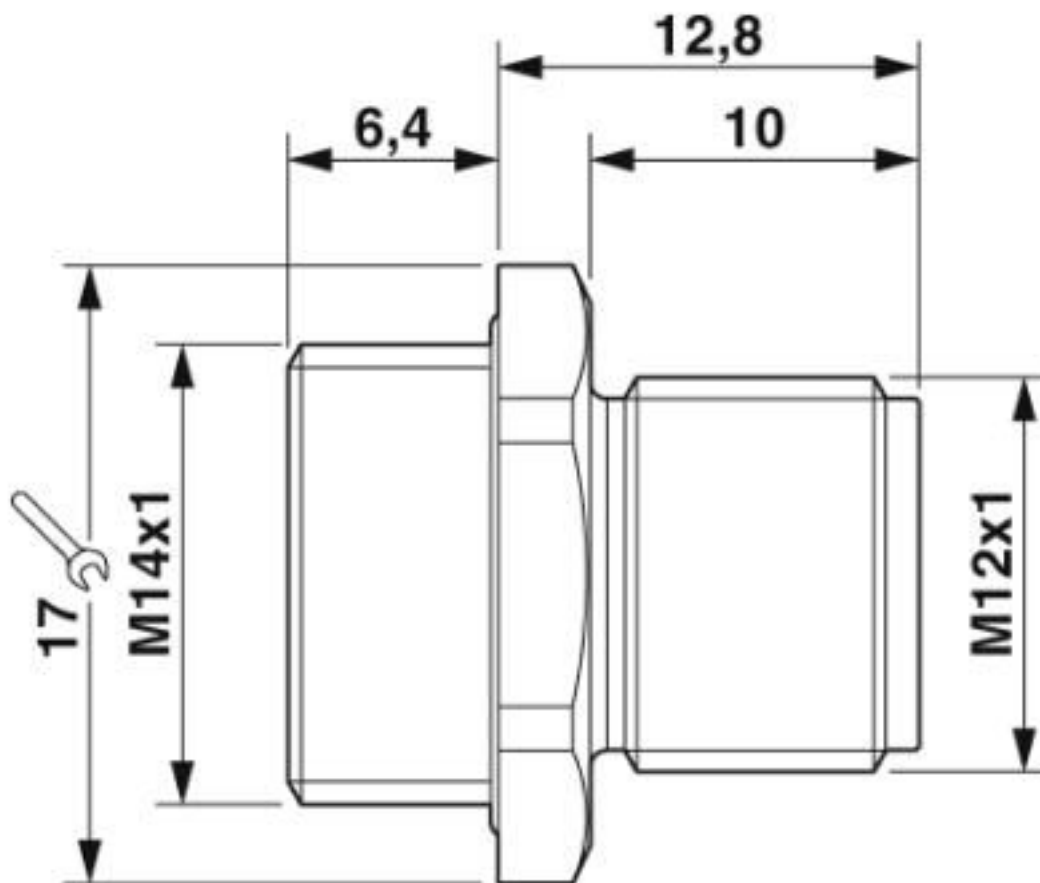
## Technical data

### Material

| Sealing material | FKM |
|---|---|

### Environmental Product Compliance

| REACh SVHC | Lead 7439-92-1 |
|---|---|
| China RoHS | Environmentally Friendly Use Period = 50 years |
|  | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Dimensional drawing



## Classifications

### eCl@ss

| eCl@ss 10.0.1 | 27440109 |
|---|---|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |

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## Classifications

### eCl@ss

| eCl@ss 5.0 | 27143423 |
|---|---|
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 9.0 | 27440103 |

### ETIM

| ETIM 6.0 | EC002061 |
|---|---|

## Accessories

### Accessories

Data plug

Flat nut - SACC-M14-NUT - 1412077

Flat nut with M14 thread

Protective cap

Sealing cap - PROT-M12 FS - 1560251

M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Sealing cap - PROT-M12 FS-M - 1430488

M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

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