# SACC-BP-F-M12/M15-6-THR PW - Housing screw connection

1420827

https://www.phoenixcontact.com/us/products/1420827

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Housing screw connection, Pin, M12, Rear mounting, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239327

## Your advantages

- Easy device integration, thanks to mechanical port screw connections with threaded fastening
- Efficient PCB assembly: two-piece connectors for THR soldering

## Commercial data

| | |
|---|---|
| Item number | 1420827 |
| Packing unit | 20 pc |
| Minimum order quantity | 20 pc |
| Sales key | AB23 |
| Product key | ABQADH |
| GTIN | 4055626280509 |
| Weight per piece (including packing) | 11.275 g |
| Weight per piece (excluding packing) | 11.41 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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## Technical data

### Notes

| | |
|---|---|
| Notes on operation | 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. |
| Order information: | Lock nut is included in the scope of delivery |

### Product properties

| | |
|---|---|
| Product type | Panel mounting base |
| Thread type | M12 |

### Connection data

| | |
|---|---|
| Connection method | THR solder connection |

### Material specifications

| | |
|---|---|
| Material | Brass, nickel-plated |
| Flammability rating according to UL 94 | V0 |
| Seal material | FKM |

### Connector

#### Connection 1

| | |
|---|---|
| Head design | Pin |
| Head thread type | M12 |

### Environmental and real-life conditions

#### Ambient conditions

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

### Standards and regulations

#### M12

| | |
|---|---|
| Standard designation | M12 connector |
| Standards/specifications | IEC 61076-2-111 |

### Mounting

| | |
|---|---|
| Mounting type | Rear mounting |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-11.0 | 27440224 |
| ECLASS-12.0 | 27440224 |
| ECLASS-13.0 | 27440224 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC003556 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121400 |

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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 | 17b5d069-2454-4032-8791-f86b3b02b3f6 |

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## Accessories

### PROT M12 MS PWR - Screw plug

1092802

https://www.phoenixcontact.com/us/products/1092802

An M12 screw plug for the unoccupied M12 females of the M12 POWER connectors, boxes, and flush-type connectors

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