

SACC-DSIV-M12-NUT-9 THR - Housing screw connection



1417989  
<https://www.phoenixcontact.com/us/products/1417989>

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Housing screw connection, Front mounting, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239181

Your advantages

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

Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1417989       |
| Packing unit                         | 100 pc        |
| Minimum order quantity               | 100 pc        |
| Sales key                            | AB23          |
| Product key                          | ABQACI        |
| GTIN                                 | 4055626276984 |
| Weight per piece (including packing) | 9.12 g        |
| Weight per piece (excluding packing) | 9.12 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: | If necessary, order locking nut separately                                                                                                                                                                                                                                                                                                         |

### Product properties

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

### Connection data

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

### Material specifications

|                               |                      |
|-------------------------------|----------------------|
| Material                      | Brass, nickel-plated |
| Material for screw connection | Brass, nickel-plated |

### 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 61076-2-101 |
| Note                     | In line with    |

### Mounting

|               |                |
|---------------|----------------|
| Mounting type | Front mounting |
|---------------|----------------|

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121100 |
|-------------|----------|

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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                                    | 8e6885b3-ec75-4d37-83e7-7ced389656d1                                                                                                                                                                                              |

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## Accessories

### SACC-M14-NUT - Flat nut

1412077

<https://www.phoenixcontact.com/us/products/1412077>

Flat nut, Screw mounting, M14 x 1, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238969



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