

# SACC-FP-M-M8/PRESS SMD - Housing screw connection



1412500

<https://www.phoenixcontact.com/us/products/1412500>

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Housing screw connection, Pin, M8-Screw locking mechanism, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

## Your advantages

- Reduced mounting costs thanks to two-piece device connector
- Easy device integration, thanks to mechanical port screw connections with press-in contour
- Efficient PCB assembly: two-piece connectors for SMT soldering

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1412500       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | AB22          |
| Product key                          | ABQHAC        |
| GTIN                                 | 4046356989091 |
| Weight per piece (including packing) | 4.2 g         |
| Weight per piece (excluding packing) | 3.98 g        |
| Customs tariff number                | 74198090      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|              |                            |
|--------------|----------------------------|
| Product type | Circular connector housing |
| Thread type  | M8                         |

### Material specifications

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

### Connector

#### Connection 1

|                   |                         |
|-------------------|-------------------------|
| Head design       | Pin                     |
| Head thread type  | M8                      |
| Head locking type | Screw locking mechanism |

### 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) |

### Mounting

|               |                                    |
|---------------|------------------------------------|
| Mounting type | Front mounting (Press-in mounting) |
|---------------|------------------------------------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440224 |
| ECLASS-15.0 | 27440224 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | 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                                | 4e3862ce-6ab5-42c3-8176-dfa3c226089d |

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