

# SACC-BP-F-M12/M15-6-SMD SCO - Housing screw connection



1414023

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Housing screw connection, Socket, M12-SPEEDCON, Rear mounting, M15 x 1, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1239059

## Your advantages

- Reduced mounting costs thanks to two-piece device connector
- Easy device integration, thanks to mechanical port screw connections with threaded fastening
- Efficient PCB assembly: two-piece connectors for SMT soldering
- SPEEDCON fast locking system reduces cabling times

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1414023       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 20 pc         |
| Sales key                            | AB23          |
| Product key                          | ABQBFC        |
| GTIN                                 | 4055626022659 |
| Weight per piece (including packing) | 8.85 g        |
| Weight per piece (excluding packing) | 8.85 g        |
| Customs tariff number                | 79070000      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|         |  |
|---------|--|
| General | 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. |
| General | Lock nut is included in the scope of delivery  |

### Product properties

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

### Material specifications

|                               |                               |
|-------------------------------|-------------------------------|
| Material                      | Brass, nickel-plated          |
| Material                      | Zinc die-cast (nickel-plated) |
| Seal material                 | FKM                           |
|                               | FKM                           |
| Material for screw connection | Zinc die-cast, nickel-plated  |

### Connector

#### Connection 1

|                   |          |
|-------------------|----------|
| Head design       | Socket   |
| Head thread type  | M12      |
| Head locking type | SPEEDCON |

### Mechanical properties

#### Mechanical data

|                             |       |
|-----------------------------|-------|
| Insertion/withdrawal cycles | > 100 |
|-----------------------------|-------|

### 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

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|                          |                 |
|--------------------------|-----------------|
| Standard designation     | M12 connector   |
| Standards/specifications | IEC 61076-2-101 |
| Note                     | In line with    |

## Mounting

|                       |   |
|-----------------------|---|
| Mounting type         | Rear mounting M15 x 1 Spacing between the top edge of the PCB and the back of the front plate: 6 mm |
| Assembly instructions | Spacing between the top edge of the PCB and the back of the front plate: 6 mm                       |

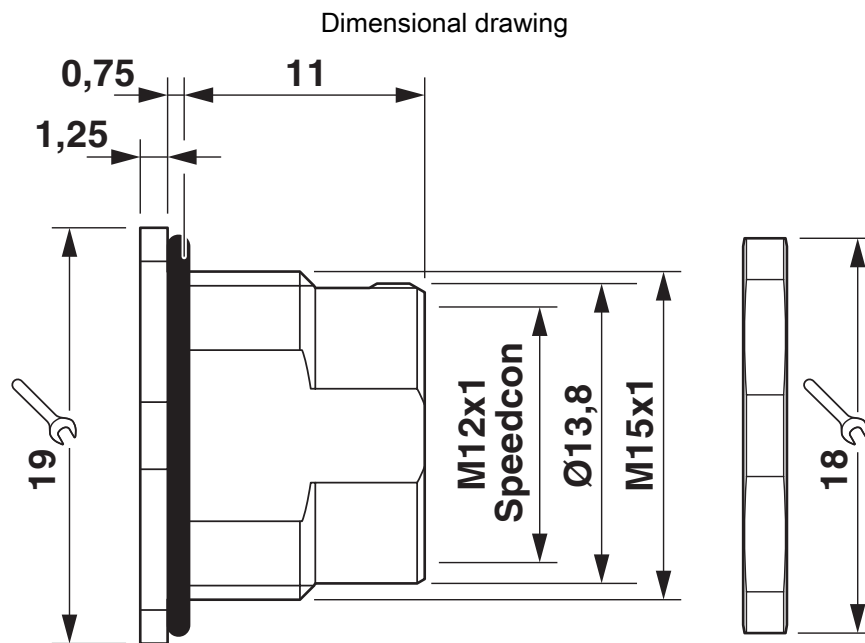
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## Drawings



Dimensional drawing

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## Approvals

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**EAC**

Approval ID: B.01687

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## Classifications

### ECLASS

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

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31171600 |
|-------------|----------|

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## Environmental product compliance

|            |  |
|------------|--|
| REACH SVHC | Lead 7439-92-1   |
| China RoHS | Environmentally Friendly Use Period = 50 years   |
|            | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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