

# SACC-BP-F-M12/M16-6-THR-PPI - Housing screw connection



1249212

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Housing screw connection, Socket, M12, Rear mounting, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)

## 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	1249212
Packing unit	1 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQABF
GTIN	4063151354350
Weight per piece (including packing)	15.08 g
Weight per piece (excluding packing)	15.08 g
Customs tariff number	74198090
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
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### Material specifications

Material	Brass, nickel-plated
Seal material	FKM FKM
Material for screw connection	Brass, nickel-plated

### Connector

#### Connection 1

Head design	Socket
Head thread type	M12

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	> 100
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### 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 IP65, when in locked state
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket) -40 °C ... 85 °C (without mechanical actuation)

### Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-010
Note	In line with

### Mounting

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Mounting type	Rear mounting 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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## Classifications

### ECLASS

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

### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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