

# SACC-FP-F-M12/PRESS SMD - Housing screw connection



1412081

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Housing screw connection, Socket, M12, Front mounting, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238973

## 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	1412081
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	ABQ
Product key	ABQBCK
GTIN	4046356992978
Weight per piece (including packing)	8.3 g
Weight per piece (excluding packing)	8.28 g
Customs tariff number	74153300
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.
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### Product properties

Product type	Panel mounting base
Thread type	M12

### Material specifications

Material	Brass, nickel-plated
Seal material	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
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket) -40 °C ... 85 °C (without mechanical actuation)
UL Type Rating	Type 4 (indoor use only)

### Standards and regulations

#### M12

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

### Mounting

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Mounting type	Front mounting Press-in mounting
Assembly note	Press-in mounting

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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC003556
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### 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	c4d30df5-2530-4184-95a2-88237d38afcf

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