

# SACC-FP-F-M12/M14 SMD - Housing screw connection

1412079

<https://www.phoenixcontact.com/us/products/1412079>

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M12 female connector, front mounting SMD with M14 screw fastening



## 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

## Commercial data

Item number	1412079
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQBCI
GTIN	4046356992954
Weight per piece (including packing)	7.9 g
Weight per piece (excluding packing)	7.9 g
Customs tariff number	74153300
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	If necessary, order locking nut separately

### Product properties

Product type	Panel mounting base
Thread type	M12

### Connection data

Tightening torque	2 ... 3 Nm
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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
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)

### Standards and regulations

#### M12

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

## Mounting

Mounting type	Front mounting M14 x 1
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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

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

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