

# SACC-BP-F-M8/M12 SMD - Housing screw connection



1412506

<https://www.phoenixcontact.com/us/products/1412506>

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Housing screw connection, Socket, M8-Screw locking mechanism, this item is expected to be lead-free from Q2 2026 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 threaded fastening
- Efficient PCB assembly: two-piece connectors for SMT soldering

## Commercial data

Item number	1412506
Packing unit	20 pc
Minimum order quantity	10 pc
Sales key	AB22
Product key	ABQHBI
GTIN	4046356989114
Weight per piece (including packing)	8.005 g
Weight per piece (excluding packing)	7.802 g
Customs tariff number	74198090
Country of origin	DE

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## Technical data

### Notes

Order information:	Lock nut is included in the scope of delivery
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### Product properties

Product type	Circular connector housing
Thread type	M8

### Material specifications

Material	Brass, nickel-plated
Flammability rating according to UL 94	V0
Seal material	FKM

### Connector

#### Connection 1

Head design	Socket
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	Rear mounting (M12 x 1)
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## Classifications

### ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

### ETIM

ETIM 10.0	EC003556
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### UNSPSC

UNSPSC 21.0	39121400
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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	a8a649e8-a5d6-4d64-a20c-d57c1105c092

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