

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



1414020

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Housing screw connection, Socket, M12-SPEEDCON, Rear mounting, M15 x 1, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239057

## 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
- SPEEDCON fast locking system reduces cabling times

## Commercial data

Item number	1414020
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQAFC
GTIN	4055626022635
Weight per piece (including packing)	10.425 g
Weight per piece (excluding packing)	9.345 g
Customs tariff number	79070000
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.
Order information:	Lock nut is included in the scope of delivery

### Product properties

Product type	Panel mounting base
Application	Railway applications
Thread type	M12

### Data management status

Article revision	05
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### Connection data

Connection method	THR solder connection
Tightening torque	1.5 ... 2 Nm

### Material specifications

Material	Zinc die-cast (nickel-plated)
Material	Brass, nickel-plated (Locking nut)
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
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection (when plugged in)	IP67 (correctly plugged in and locked)
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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
Standards/specifications	IEC 61076-2-101
Note	In line with
Standard designation	Shock, vibration
Standards/specifications	EN 50155

## 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 note	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-13.0	27440224
ECLASS-12.0	27440224

### ETIM

ETIM 9.0	EC003556
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### UNSPSC

UNSPSC 21.0	31171600
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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	154f80db-56a2-4eb5-8c3a-a40b13af9c0a

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