

# 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	ABQAFC
Product key	ABQAFC
GTIN	4055626022635
Weight per piece (including packing)	10.425 g
Weight per piece (excluding packing)	8.838 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

### 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

### 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)

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	-40 °C ... 85 °C (without mechanical actuation)
UL Type Rating	Type 4 (indoor use only)

## Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101
Standard designation	Shock, vibration
Standards/specifications	according to EN 50155
Standard designation	Shock, vibration
Standards/specifications	according to EN 61373:2011

## 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-13.0	27440224
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### 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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PHOENIX CONTACT Ltd  
Halesfield 13, Telford  
Shropshire, TF7 4PG  
01952 681700  
[info@phoenixcontact.co.uk](mailto:info@phoenixcontact.co.uk)