

SACC-BP-M-M12/M15-7-THR SCO - Housing screw connection



1413998

<https://www.phoenixcontact.com/gb/products/1413998>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Housing screw connection, Pin, M12-SPEEDCON, Rear mounting, M15 x 1, THR solder connection, this item is undergoing a smooth changeover, lead-free alternative in accordance with RoHS II without exception 6c (Pb < 0.1%) possible on request in advance

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	1413998
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	ABQAFA
Product key	ABQAFA
GTIN	4055626022680
Weight per piece (including packing)	11 g
Weight per piece (excluding packing)	9.458 g
Customs tariff number	79070000
Country of origin	DE

SACC-BP-M-M12/M15-7-THR SCO - Housing screw connection



1413998

<https://www.phoenixcontact.com/gb/products/1413998>

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
Thread type	M12

Connection data

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

Material specifications

Material	Zinc die-cast (nickel-plated)
Seal material	FKM

Connector

Connection 1

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

Standards and regulations

SACC-BP-M-M12/M15-7-THR SCO - Housing screw connection



1413998

<https://www.phoenixcontact.com/gb/products/1413998>

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

Mounting

Mounting type	Rear mounting M15 x 1 Spacing between the top edge of the PCB and the back of the front plate: 7 mm
Assembly note	Spacing between the top edge of the PCB and the back of the front plate: 7 mm

1413998
<https://www.phoenixcontact.com/gb/products/1413998>

Classifications

ECLASS	
ECLASS-13.0	27440224
ETIM	
ETIM 9.0	EC003556
UNSPSC	
UNSPSC 21.0	31171600

SACC-BP-M-M12/M15-7-THR SCO - Housing screw connection



1413998

<https://www.phoenixcontact.com/gb/products/1413998>

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	8bacf265-5055-4a2e-8155-8880a910e3d3

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk