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

1414005

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Housing screw connection, Socket, M12-SPEEDCON, Rear mounting, M15 x 1, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1237398

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	1414005
Packing unit	1 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQAFC
GTIN	4055626022628
Weight per piece (including packing)	10.43 g
Weight per piece (excluding packing)	10.43 g
Customs tariff number	79070000
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	Lock nut is included in the scope of delivery

Product properties

Product type	Panel mounting base
Thread type	M12

Material specifications

Material	Brass, nickel-plated
Material	Zinc die-cast (nickel-plated)
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)
	-40 °C ... 85 °C (without mechanical actuation)

Standards and regulations

M12

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

Mounting

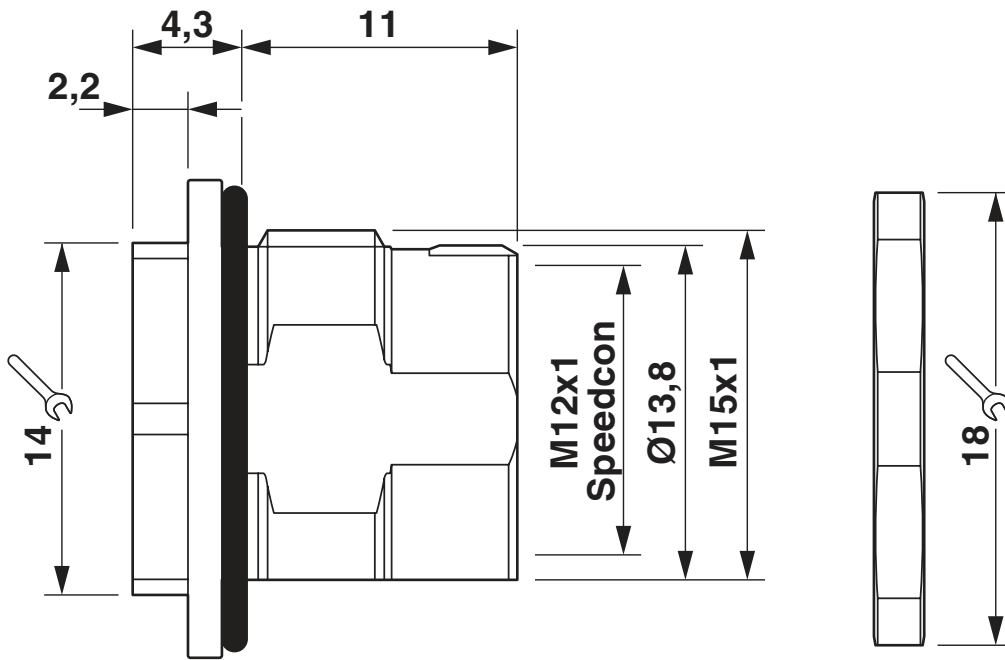|	
Mounting type	Rear mounting M15 x 1 Spacing between the top edge of the PCB and the back of the front plate: 7 mm
Assembly instructions	Spacing between the top edge of the PCB and the back of the front plate: 7 mm

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Drawings

Dimensional drawing

Dimensional drawing

Approvals

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	EAC
⧇	Approval ID: B.01687

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Classifications

ECLASS

ECLASS-11.0	27440224
ECLASS-13.0	27440224
ECLASS-12.0	27440224

UNSPSC

UNSPSC 21.0	31171600

Environmental product compliance

REACh SVHC	Lead 7439-92-1

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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