

# SACC-DSI-FS-4CON-L180 SCO - Device connector, rear mounting



1553462

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Device connector, rear mounting, 4-position, Socket, straight, M12-SPEEDCON, coding: A , Rear mounting, Pg9, Solder pins, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1240034

## Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- SPEEDCON fast locking system reduces cabling times

## Commercial Data

Item number	1553462
Packing unit	20 pc
Minimum order quantity	20 pc
Sales Key	ABQ
Product Key	ABQCAB
Catalog Page	Page 246 (C-2-2013)
GTIN	4046356156875
Weight per Piece (including packing)	13.31 g
Weight per Piece (excluding packing)	13.095 g
Customs tariff number	85366990
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.
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### Mounting

Mounting type	Rear mounting Pg9 With flat nut
Assembly instructions	With flat nut
Connection method	Solder pins

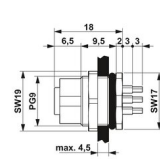
### Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	no
Coding	A

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Dimensions

Dimensional drawing	
Length of the solder pin	6 mm 6 mm

### Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

### Electrical properties

Rated surge voltage	2.5 kV
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Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage $U_N$	250 V
Nominal current $I_N$	4 A

## Connection data

### Conductor connection

Connection method	Solder pins
Tightening torque	2 Nm
	3 Nm

## Connector

### Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

## Cable/line

Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (Cable, flexible installation)

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)
	IP65/IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
	-25 °C ... 85 °C (Cable, flexible installation)
	-40 °C ... 85 °C (cable, fixed installation)

## Standards and regulations

### M12

Standards/specifications	IEC 61076-2-101
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