

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



1569618

<https://www.phoenixcontact.com/us/products/1569618>

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Device connector rear mounting, 4-position, Pin, straight, M12-SPEEDCON, B-coding, Wave soldering, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

## Commercial data

Item number	1569618
Packing unit	20 pc
Minimum order quantity	20 pc
Note	Made to order (non-returnable)
Sales key	AB26
Product key	ABQEGL
GTIN	4046356340458
Weight per piece (including packing)	13.168 g
Weight per piece (excluding packing)	11.726 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Order information:	Lock nut is included in the scope of delivery
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### Mounting

Mounting type	Rear mounting (Pg9, with locking nut)
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### Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	no
Coding	B
Thread type	M12

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Dimensions

Length of the solder pin	6 mm
	6 mm

### Material specifications

Material Housing	CuZn
Material Housing surface	Ni
Material Contact carrier	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	V0

### Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	60 V
Nominal current $I_N$	4 A

### Connection data

#### Conductor connection

Connection method	Wave soldering
Contact connection type	Pin

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## Connector

### Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	B

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
UL Type Rating	Type 4 (indoor use only)

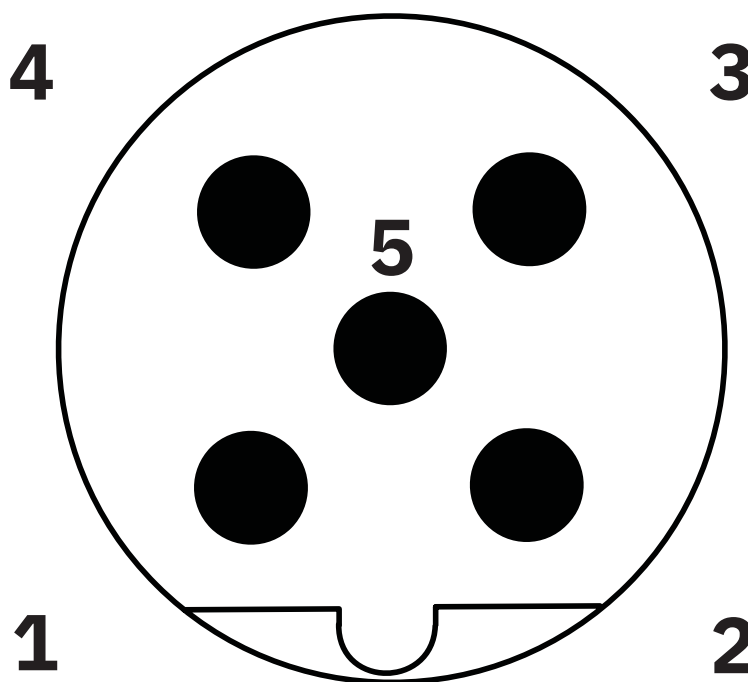
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## Drawings

Schematic diagram



Pin assignment M12 male connector, 5-pos., B-coded, male side

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1569618>

 <b>UL Recognized</b> Approval ID: E118976-20100522				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	60 V	4 A	22	-

 <b>cULus Recognized</b> Approval ID: E221474-20140616				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	60 V	4 A	22 - 20	-

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## Classifications

### ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

### ETIM

ETIM 10.0	EC003568
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### UNSPSC

UNSPSC 21.0	39121400
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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	d68b6c7a-6545-45aa-8eac-8b2e4200680e

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