

# SACC-DSIV-M12MSB-5CON-L180 - Device connector rear mounting



1514883

<https://www.phoenixcontact.com/us/products/1514883>

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Sensor/Actuator flush-type plug, 5-pos., M12, B-coded, rear/screw mounting with M12 thread, with straight solder connection

## Your advantages

- Standard pin assignments and codings for signal transmission with a uniform design-in design

## Commercial data

Item number	1514883
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQEGI
GTIN	4017918923150
Weight per piece (including packing)	11.74 g
Weight per piece (excluding packing)	11.74 g
Customs tariff number	85366990
Country of origin	HU

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## Technical data

### Mounting

Mounting type	Rear mounting (M12 x 1, with locking nut)
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### Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	B
Thread type	M12

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Material specifications

Material Housing	CuZn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	HB

### 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

### Connector

#### Connection 1

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

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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 85 °C (Plug / socket)
UL Type Rating	Type 4 (indoor use only)

## Standards and regulations

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

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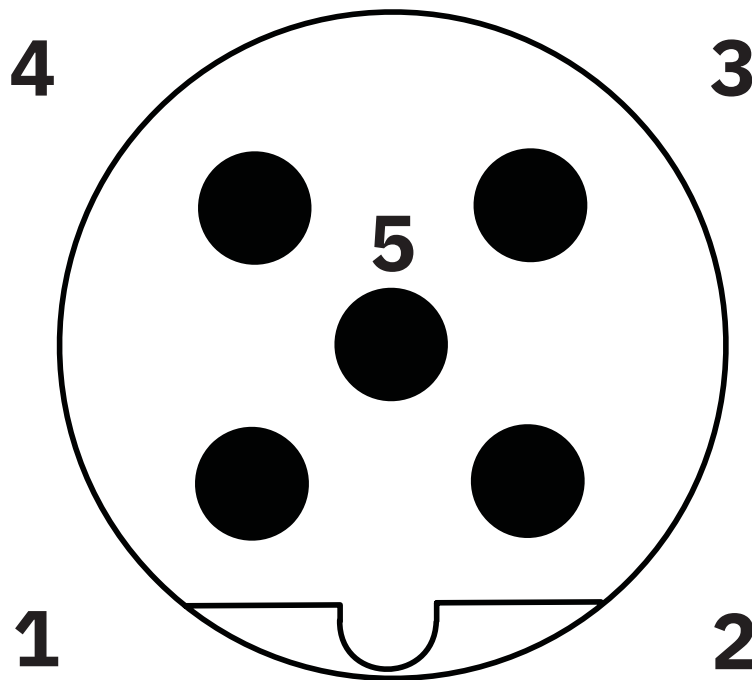


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## Drawings

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/1514883>

 <b>cUL Recognized</b> Approval ID: FILE E 221474				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	60 V	4 A	-	-

 <b>UL Recognized</b> Approval ID: FILE E 221474				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	60 V	4 A	-	-

 <b>UL Recognized</b> Approval ID: E221474-20070307				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	60 V	4 A	-	-

 <b>cUL Recognized</b> Approval ID: E221474-20070307				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	60 V	4 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

### ETIM

ETIM 9.0	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	4f97752d-6aa6-4126-b945-3c26d4cc3671

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