

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



1569618

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

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Device connector rear mounting, 4-position, Pin, straight, M12-SPEEDCON, coding: B, Rear mounting, Pg9, Solder pins, 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

Commercial data

Item number	1569618
Packing unit	20 pc
Minimum order quantity	60 pc
Note	Made to order (non-returnable)
Sales key	ABQEGL
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
Assembly note	With locking nut

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

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	Brass, nickel-plated

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	Solder pins
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)
	IP65/IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
UL Type Rating	Type 4 (indoor use only)

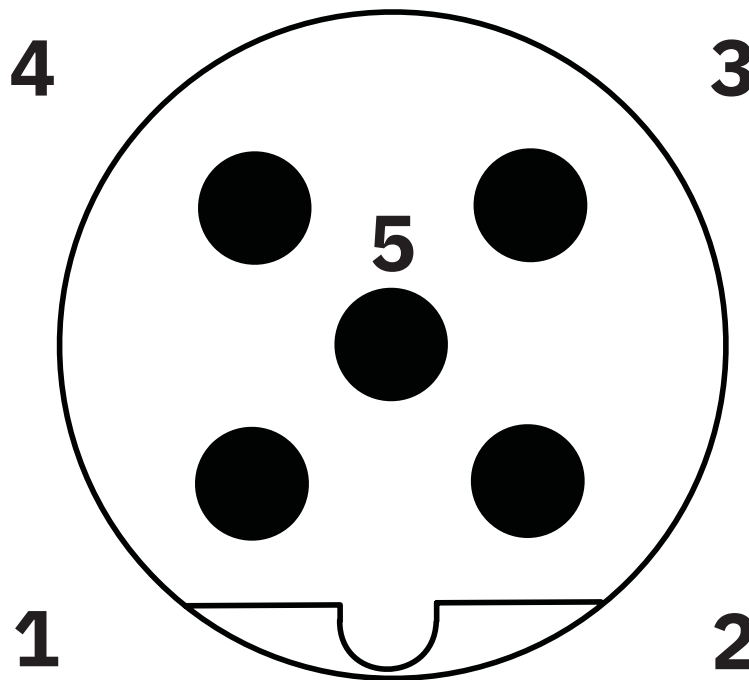
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Drawings

Schematic diagram



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

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1569618

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Approvals

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

	UL Recognized			
	Approval ID: E118976-20100522			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG
		60 V	4 A	22
				Cross section mm ²
				-

	cULus Recognized			
	Approval ID: E221474-20140616			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG
		60 V	4 A	22 - 20
				Cross section mm ²
				-

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Classifications

ECLASS

ECLASS-13.0	27440110
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ETIM

ETIM 9.0	EC003569
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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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PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk