

# SACC-DSIV-MS-5CON-L90 SCO - Device connector rear mounting



1436602

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Device connector rear mounting, 5-position, Pin, angled, M12-SPEEDCON, coding: A, Rear mounting, M12 x 1, Solder pins, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239623

## Commercial data

Item number	1436602
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB26
Product key	ABQEGI
Catalog page	Page 30 (PC-2009)
GTIN	4046356438674
Weight per piece (including packing)	13.05 g
Weight per piece (excluding packing)	12.37 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 M12 x 1 With flat nut
Assembly note	With flat nut

### Product properties

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

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### 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

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

### Connector

#### Connection 1

Head design	Pin
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Head cable outlet	angled
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)

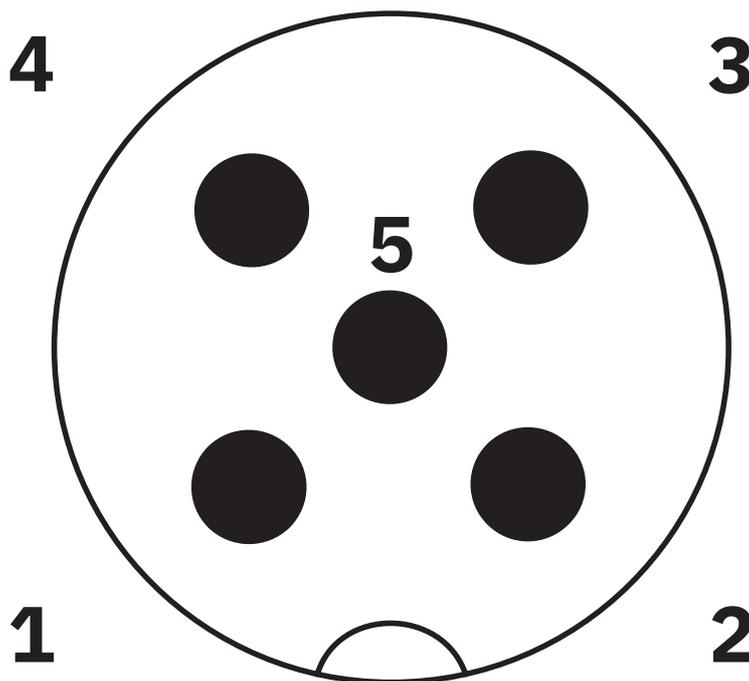
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## Drawings

Schematic diagram



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

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1436602>

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

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## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

ETIM 9.0	EC002635
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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	8e5083c1-8d8f-4e6a-ae09-fd92e5bed61e

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