

SACC-DSIV-FS-5CON-L90 SH SCO - Device connector rear mounting



1438024

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Device connector rear mounting, 5-position, Socket, angled, M12-SPEEDCON, coding: A, Rear mounting, M12 x 1, 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	1438024
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB26
Product key	ABQEHA
Catalog page	Page 189 (C-2-2013)
GTIN	4046356457521
Weight per piece (including packing)	13.67 g
Weight per piece (excluding packing)	10.555 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	HB
Seal material	NBR
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Rated surge voltage	1.5 kV
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	Socket

Connector

Connection 1

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Head design	Socket
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)
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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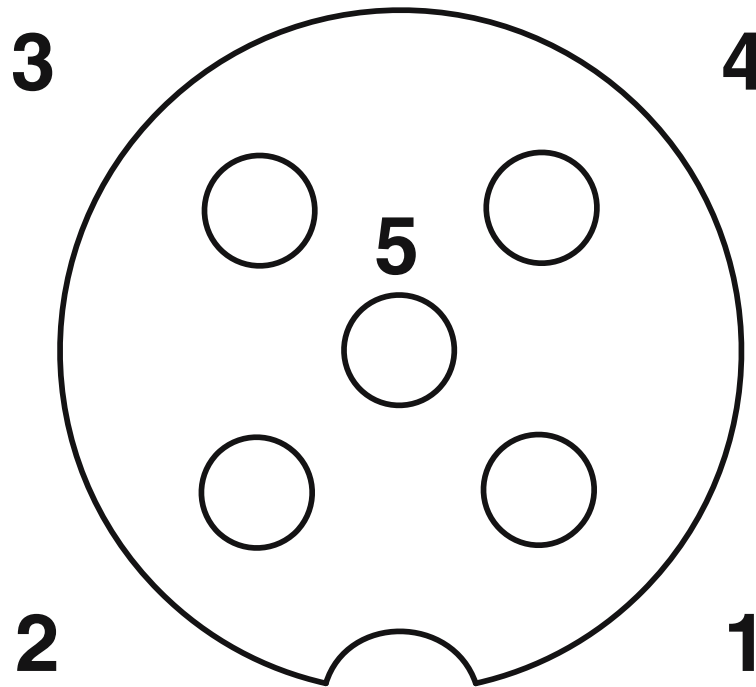


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Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1438024>

 UL Recognized Approval ID: E118976-20100522	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	60 V	4 A	22	-

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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.
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EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	8ad22146-8ecf-4602-863e-99fa6299b3de

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