

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



1438037

<https://www.phoenixcontact.com/us/products/1438037>

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Device connector rear mounting, 5-position, Pin, angled, M12-SPEEDCON, A-coding, THR and 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	1438037
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB26
Product key	ABQEGA
GTIN	4046356457514
Weight per piece (including packing)	12.75 g
Weight per piece (excluding packing)	9.258 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)
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Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	yes
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Ni/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	THR and wave soldering
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
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 85 °C (Plug / socket)

Standards and regulations

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

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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/1438037>

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

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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	088a9d62-9be1-4326-974d-682bf931b685

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