

SACC-DSIV-MSB-5CON-L90 SCO - Device connector rear mounting



1436615

<https://www.phoenixcontact.com/us/products/1436615>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Device connector rear mounting, 5-position, Pin, angled, M12-SPEEDCON, B-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	1436615
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB26
Product key	ABQEGI
GTIN	4046356438681
Weight per piece (including packing)	12.97 g
Weight per piece (excluding packing)	9.248 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSIV-MSB-5CON-L90 SCO - Device connector rear mounting



1436615

<https://www.phoenixcontact.com/us/products/1436615>

Technical data

Notes

Order information:	Lock nut is included in the scope of delivery
--------------------	---

Mounting

Mounting type	Rear mounting (M12 x 1, with flat nut)
---------------	--

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	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
-------------	-----

SACC-DSIV-MSB-5CON-L90 SCO - Device connector rear mounting



1436615

<https://www.phoenixcontact.com/us/products/1436615>

Head cable outlet	angled
Head thread type	M12
Head locking type	SPEEDCON
Coding	B

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

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

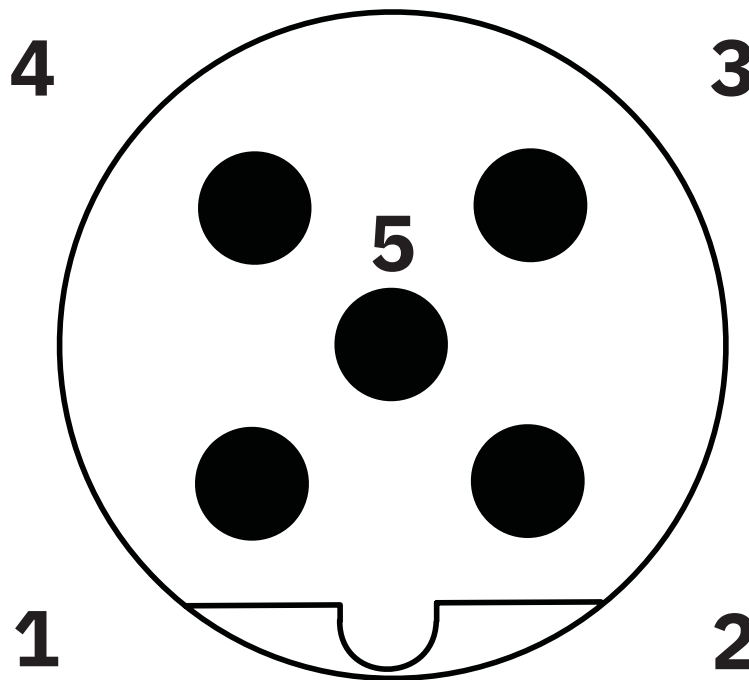
SACC-DSIV-MSB-5CON-L90 SCO - Device connector rear mounting

1436615

<https://www.phoenixcontact.com/us/products/1436615>

Drawings

Schematic diagram



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


SACC-DSIV-MSB-5CON-L90 SCO - Device connector rear mounting



1436615
<https://www.phoenixcontact.com/us/products/1436615>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1436615>

	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	-

SACC-DSIV-MSB-5CON-L90 SCO - Device connector rear mounting



1436615

<https://www.phoenixcontact.com/us/products/1436615>

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 9.0	EC003568
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

SACC-DSIV-MSB-5CON-L90 SCO - Device connector rear mounting



1436615

<https://www.phoenixcontact.com/us/products/1436615>

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	82866e9d-7087-48e3-a447-3fb7abd9a3aa

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com