

SACC-DSIV-MS-8CON-L90 SCO - Device connector rear mounting

PHOENIX CONTACT

1436961
<https://www.phoenixcontact.com/us/products/1436961>

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, 8-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	1436961
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB26
Product key	ABQEGI
GTIN	4046356438537
Weight per piece (including packing)	12.8 g
Weight per piece (excluding packing)	9.33 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSIV-MS-8CON-L90 SCO - Device connector rear mounting



1436961

<https://www.phoenixcontact.com/us/products/1436961>

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	8
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	30 V
Nominal current I_N	2 A

Connection data

Conductor connection

Connection method	THR and wave soldering
Contact connection type	Pin

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	100
-----------------------------	-----

SACC-DSIV-MS-8CON-L90 SCO - Device connector rear mounting



1436961

<https://www.phoenixcontact.com/us/products/1436961>

Connector

Connection 1

Head design	Pin
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)	-25 °C ... 85 °C (Plug / socket)
UL Type Rating	Type 4 (indoor use only)

SACC-DSIV-MS-8CON-L90 SCO - Device connector rear mounting

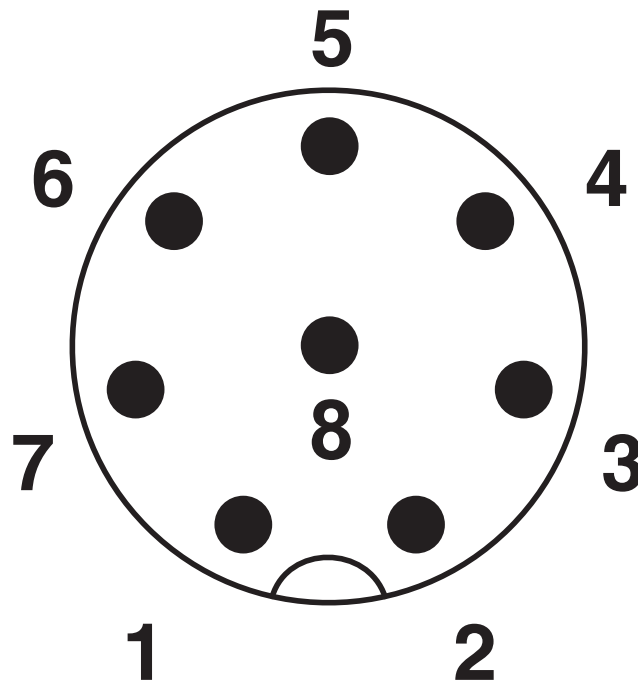


1436961

<https://www.phoenixcontact.com/us/products/1436961>

Drawings


Schematic diagram




Pin assignment M12 plug, 8-pos., A-coded, view plug side

1436961
<https://www.phoenixcontact.com/us/products/1436961>

Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1436961>

<div> UL Recognized Approval ID: E118976-20100522</div>				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	30 V	2 A	24	-

SACC-DSIV-MS-8CON-L90 SCO - Device connector rear mounting



1436961

<https://www.phoenixcontact.com/us/products/1436961>

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

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

UNSPSC

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

SACC-DSIV-MS-8CON-L90 SCO - Device connector rear mounting



1436961

<https://www.phoenixcontact.com/us/products/1436961>

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	59483e04-13f6-4793-a71b-c5c167ce038b

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