

# SACC-DSIV-FSD-4CON-L180 SCO - Device connector rear mounting



1542619

<https://www.phoenixcontact.com/us/products/1542619>

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, 4-position, Socket, straight, M12-SPEEDCON, coding: D, Rear mounting, M12 x 1, Solder pins, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239953

## Commercial data

Item number	1542619
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB26
Product key	ABQEHI
Catalog page	Page 90 (C-2-2013)
GTIN	4046356097888
Weight per piece (including packing)	12.62 g
Weight per piece (excluding packing)	11.77 g
Customs tariff number	85366990
Country of origin	DE

# SACC-DSIV-FSD-4CON-L180 SCO - Device connector rear mounting



1542619

<https://www.phoenixcontact.com/us/products/1542619>

## Technical data

### Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)
Order information:	Lock nut is included in the scope of delivery

### Mounting

Mounting type	Rear mounting M12 x 1 With flat nut
Assembly note	With flat nut

### Product properties

Product type	Circular connectors (device side)
Application	Data
Number of positions	Signal
Shielded	4
Coding	yes
Thread type	D
	M12

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Material specifications

Flammability rating according to UL 94	V0
Seal material	FKM / EPDM
Contact material	CuZn
Contact surface material	Ni/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 $U_N$	250 V
Nominal current $I_N$	4 A

### Connection data

Conductor connection	
Connection method	Solder pins

# SACC-DSIV-FSD-4CON-L180 SCO - Device connector rear mounting



1542619

<https://www.phoenixcontact.com/us/products/1542619>

Contact connection type	Socket
-------------------------	--------

## Mechanical properties

### Mechanical data

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

## Connector

### Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	D

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

M12

Standards/specifications	IEC 61076-2-101
--------------------------	-----------------

# SACC-DSIV-FSD-4CON-L180 SCO - Device connector rear mounting

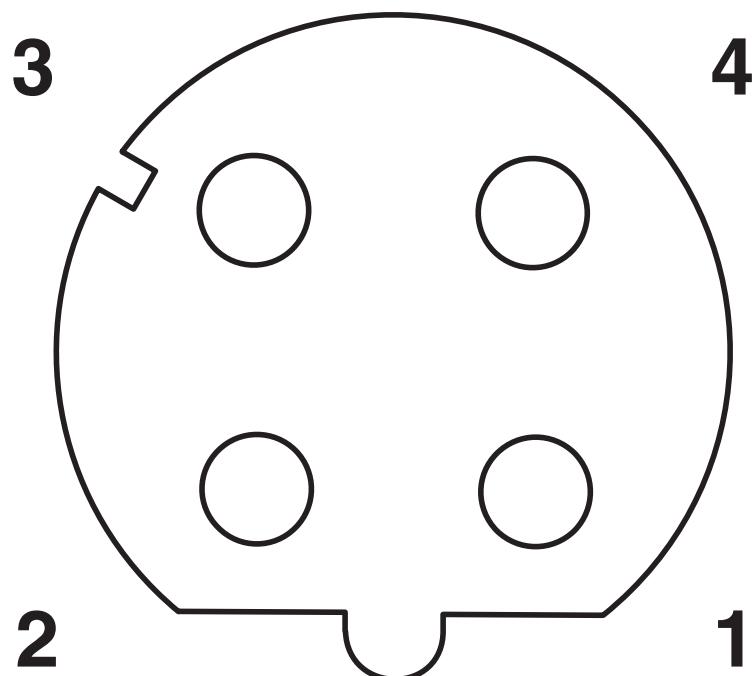


1542619

<https://www.phoenixcontact.com/us/products/1542619>

## Drawings

Schematic diagram



Pin assignment M12 socket, 4-pos., D-coded, female side

# SACC-DSIV-FSD-4CON-L180 SCO - Device connector rear mounting



1542619

<https://www.phoenixcontact.com/us/products/1542619>

## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1542619>

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

# SACC-DSIV-FSD-4CON-L180 SCO - Device connector rear mounting



1542619

<https://www.phoenixcontact.com/us/products/1542619>

## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC002635
----------	----------

### UNSPSC

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

# SACC-DSIV-FSD-4CON-L180 SCO - Device connector rear mounting



1542619

<https://www.phoenixcontact.com/us/products/1542619>

## 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	b5420750-f1aa-403e-82e0-1f78af788052

Phoenix Contact 2024 © - 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](mailto:info@phoenixcon.com)