

# SACC-DSIV-FSD-4CON-L90 SCO - Device connector rear mounting



1436550  
<https://www.phoenixcontact.com/us/products/1436550>

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Device connector rear mounting, 4-position, Socket, angled, 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.: 1237406

## Commercial data

Item number	1436550
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB26
Product key	ABQEHI
Catalog page	Page 90 (C-2-2013)
GTIN	4046356438612
Weight per piece (including packing)	13.643 g
Weight per piece (excluding packing)	12.56 g
Customs tariff number	85366990
Country of origin	DE



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## 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
	Signal
Number of positions	4
Shielded	no
Coding	D
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 $U_N$	250 V
Nominal current $I_N$	4 A

### Connection data

#### Conductor connection

Connection method	Solder pins
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Contact connection type	Socket
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## Connector

Connection 1	
Head design	Socket
Head cable outlet	angled
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)
	-40 °C ... 85 °C (without mechanical actuation)



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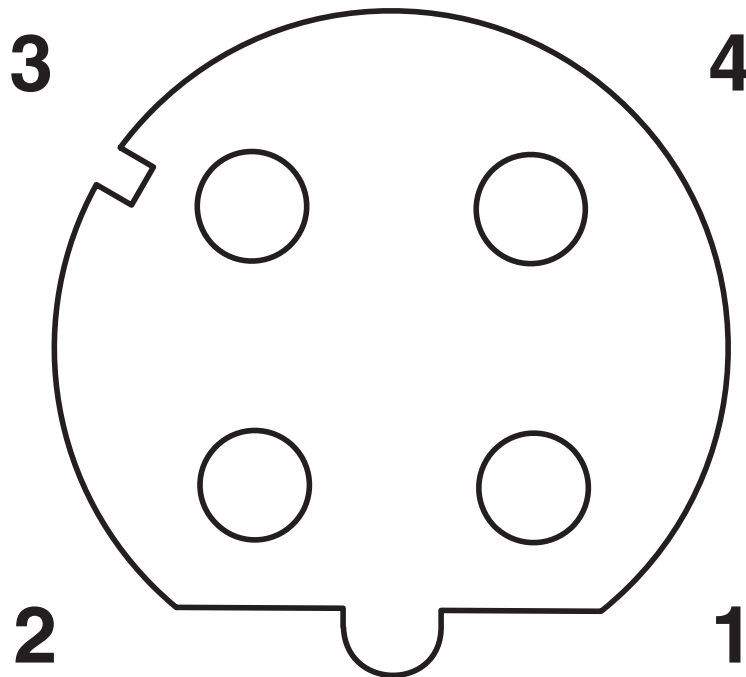


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## Drawings

Schematic diagram



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




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## Approvals

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



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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC002635
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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	3abd4122-af42-494e-a2a8-9f8ecfa9c58e

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