

SACC-DSIV-FSD-4CON-L180 SCOTHR - Device connector rear mounting



1542648
<https://www.phoenixcontact.com/us/products/1542648>

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Device connector rear mounting, 4-position, Socket, straight, M12-SPEEDCON, coding: D, Rear mounting, M12 x 1, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239956

Commercial data

Item number	1542648
Packing unit	60 pc
Minimum order quantity	60 pc
Sales key	AB23
Product key	ABQAIA
Catalog page	Page 90 (C-2-2013)
GTIN	4046356097918
Weight per piece (including packing)	11.225 g
Weight per piece (excluding packing)	11.225 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

Data management status

Article revision	12
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Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Seal material	FKM / EPDM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PPA
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

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Conductor connection	
Connection method	THR solder connection
Contact connection type	Socket

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)

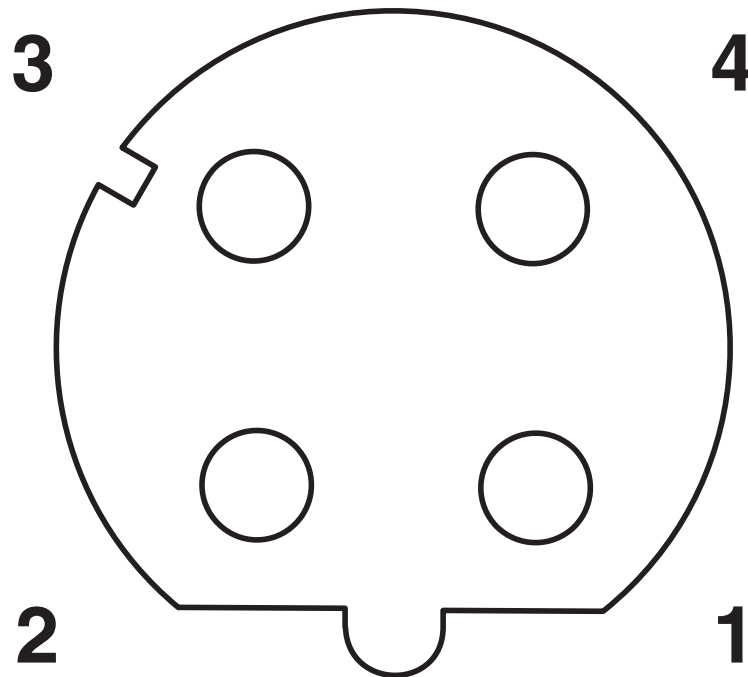
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Drawings

Schematic diagram



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

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Approvals

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	UL Recognized 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	-

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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	68837f82-aea4-4aac-a2d7-bb93d9cd9859

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