SACC-DSIV-FSD-4CON-L90 SCO - Device connector front mounting

1436550

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

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Device connector front mounting, 4-position, Socket, angled, M12-SPEEDCON, D-coding, THR and wave soldering, this item is expected to be lead-free from Q3 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	1436550
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB26
Product key	ABQEHI
GTIN	4046356438612
Weight per piece (including packing)	13.643 g
Weight per piece (excluding packing)	10.265 g
Customs tariff number	85366990
Country of origin	DE

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	Front mounting (M12 x 1)

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

Material Housing	GD-Zn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	V0

Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	250 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	THR and wave soldering

Contact connection type	Socket

Connector

Connection 1

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

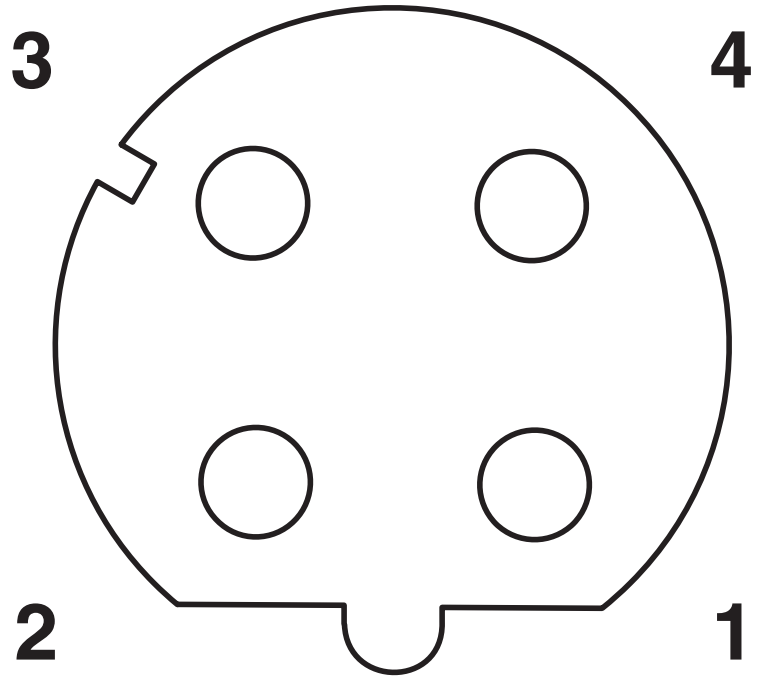
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)

Drawings

Schematic diagram



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

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1436550

UL Recognized
Approval ID: E118976-20100522

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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	250 V	4 A	22	-

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 10.0	EC003568

UNSPSC

UNSPSC 21.0	39121400

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

EF3.1 Climate Change

CO2e kg	0.331 kg CO2e

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