

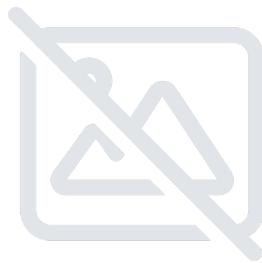
SACCBP-FSD-4P-M16-93G/0,5 SCO - Device connector rear mounting



1422974

<https://www.phoenixcontact.com/us/products/1422974>

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, D-coding, on free cable end, Cable connection, cable length: 0.5 m

Commercial data

Item number	1422974
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	ABQDG1
GTIN	4055626320595
Weight per piece (including packing)	51.8 g
Weight per piece (excluding packing)	51.8 g
Country of origin	DE

SACCBP-FSD-4P-M16-93G/0,5 SCO - Device connector rear mounting



1422974

<https://www.phoenixcontact.com/us/products/1422974>

Technical data

Notes

Notes on operation	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Order information:	Lock nut is included in the scope of delivery

Mounting

Mounting type	Rear mounting (M16 x 1,5)
---------------	---------------------------

Product properties

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

Connection data

Conductor connection	
Connection method	Cable 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

Connection 2

Head design	free cable end
-------------	----------------

Cable/line

Cable length	0.5 m
PROFINET PVC stranded CAT5 [93B]	

SACCBP-FSD-4P-M16-93G/0,5 SCO - Device connector rear mounting



1422974

<https://www.phoenixcontact.com/us/products/1422974>

Dimensional drawing



UL AWM Style	21695 (80 °C / 600 V)
Number of positions	4
Shielded	yes
Cable type	PROFINET PVC stranded CAT5 [93B]
Conductor structure	1x4xAWG22/7, SF/TQ
AWG signal line	22
Conductor cross section	4x 0.34 mm ²
Wire diameter incl. insulation	1.5 mm ±0.1 mm
External cable diameter	6.50 mm ±0.2 mm
Outer sheath, material	PVC
External sheath, color	green RAL 6018
Conductor material	Tin-plated Cu litz wires
Material wire insulation	PE
Single wire, color	white, yellow, blue, orange
Overall twist	Star quad
Optical shield covering	85 %
Insulation resistance	≥ 5 GΩ*km
Loop resistance	≤ 120.00 Ω/km
Wave impedance	100 Ω ±5 Ω (at 100 MHz)
Nominal voltage, cable	≤ 600 V
Test voltage Core/Core	2000 V ((50 Hz/1 min))
Test voltage Core/Shield	2000.00 V ((50 Hz/1 min))
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	8 x D
Flame resistance	UL 1581, Section 1060 and UL 2556, Section 9.3 (FT1) UL 1685 (CSA FT 4) UL 1581, Section 1100 and UL 2556, Section 9.1 (HFT/FT2)
Resistance to oil	OIL RES I according to UL 2256
Other resistance	UV resistant (according to UL 1581, Section 1200)
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -10 °C ... 70 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

SACCBP-FSD-4P-M16-93G/0,5 SCO - Device connector rear mounting



1422974

<https://www.phoenixcontact.com/us/products/1422974>

UL Type Rating

Type 4 (indoor use only)

SACCBP-FSD-4P-M16-93G/0,5 SCO - Device connector rear mounting

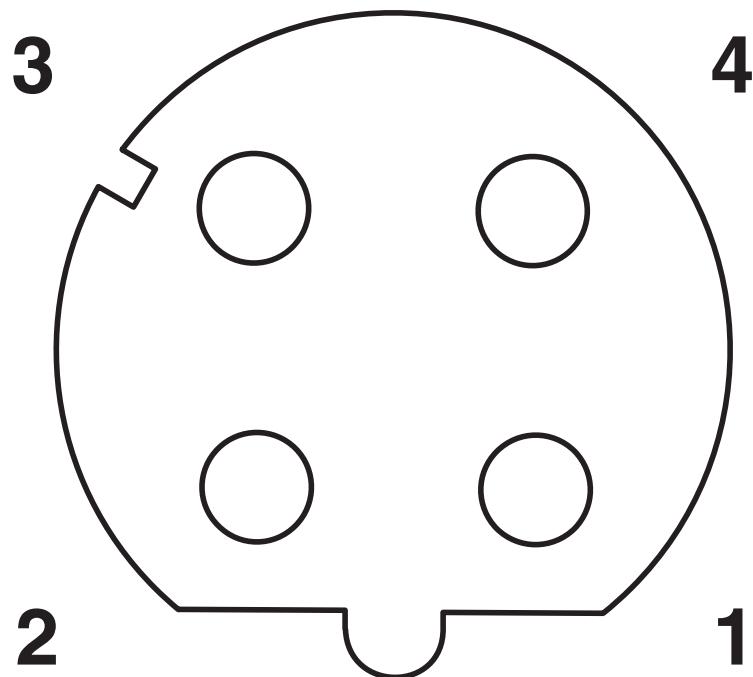


1422974

<https://www.phoenixcontact.com/us/products/1422974>

Drawings

Schematic diagram



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

SACCBP-FSD-4P-M16-93G/0,5 SCO - Device connector rear mounting



1422974

<https://www.phoenixcontact.com/us/products/1422974>

Classifications

ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

ETIM

ETIM 9.0	EC003570
----------	----------

UNSPSC

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

SACCBP-FSD-4P-M16-93G/0,5 SCO - Device connector rear mounting



1422974

<https://www.phoenixcontact.com/us/products/1422974>

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)
-------------------------------------	----------------------

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