

SACC-E-M5FS-3CON-M5/0,5 - Device connector front mounting



1530605

<https://www.phoenixcontact.com/us/products/1530605>

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 front mounting, 3-position, Socket, straight, M5, coding: A, Front mounting, M5 x 0.5, Individual wires, cable length: 0.5 m, 0.14 mm², TPE litz wire

Your advantages

- Preassembled with litz wires for immediate use
- Customer-specific assemblies and litz wire lengths available
- Sealed on the litz wire side for optimum leak-tightness

Commercial data

Item number	1530605
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB21
Product key	ABQMBA
GTIN	4046356024402
Weight per piece (including packing)	6.8 g
Weight per piece (excluding packing)	6.8 g
Customs tariff number	85444290
Country of origin	DE

SACC-E-M5FS-3CON-M5/0,5 - Device connector front mounting



1530605

<https://www.phoenixcontact.com/us/products/1530605>

Technical data

Mounting

Mounting type	Front mounting M5 x 0.5
---------------	-------------------------

Product properties

Product type	Circular connectors (device side)
Application	Signal
Number of positions	3
No. of cable outlets	1
Shielded	no
Coding	A
Thread type	M5

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Seal material	Viton
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	1 A
Test voltage	800 V

Connection data

Conductor connection

Connection method	Individual wires
Contact connection type	Socket
Conductor cross section	0.14 mm ²

Connector

Connection 1

SACC-E-M5FS-3CON-M5/0,5 - Device connector front mounting



1530605

<https://www.phoenixcontact.com/us/products/1530605>

Head design	Socket
Head cable outlet	straight
Head thread type	M5
Coding	A

Cable/line

Cable length	0.5 m
Cable type	TPE litz wire
Single wire, color	brown, blue, black
Cable cross section	0.14 mm ²
Conductor structure signal line	18x 0.10 mm
AWG signal line	26
Material wire insulation	TPE
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation) (Cable, fixed installation)	-25 °C ... 80 °C (cable, fixed installation)
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug)

Standards and regulations

Standard designation	M5 connector
Standards/specifications	according to IEC 61076-2-105

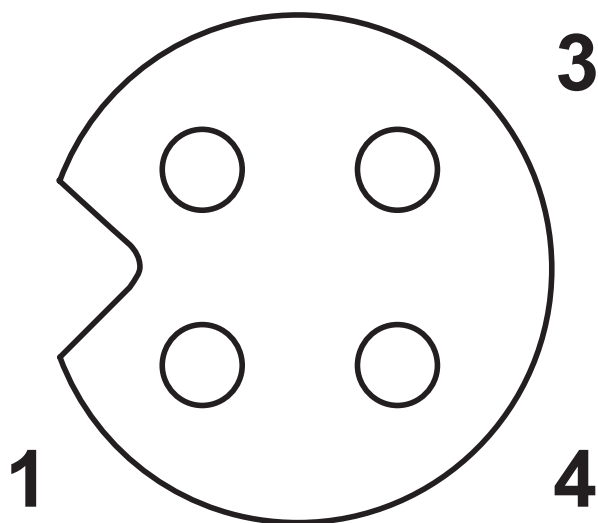
SACC-E-M5FS-3CON-M5/0,5 - Device connector front mounting

1530605

<https://www.phoenixcontact.com/us/products/1530605>

Drawings

Schematic diagram



Pin assignment M5 socket, 3-pos., D-coded, view female side

SACC-E-M5FS-3CON-M5/0,5 - Device connector front mounting



1530605

<https://www.phoenixcontact.com/us/products/1530605>

Classifications

ECLASS

ECLASS-13.0	27440103
-------------	----------

ETIM

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

UNSPSC

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

SACC-E-M5FS-3CON-M5/0,5 - Device connector front mounting



1530605

<https://www.phoenixcontact.com/us/products/1530605>

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	d36c1cfc-e9e0-4983-9ece-5e6142d122fe

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