

# SACC-E-M5FS-4CON-M5/0,5 - Device connector front mounting



1530618

<https://www.phoenixcontact.com/us/products/1530618>

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Device connector front mounting, 4-position, Socket, straight, M5, A-coding, on free cable end, Individual wires, cable length: 0.5 m, 0.14 mm<sup>2</sup>, 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	1530618
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB21
Product key	ABQMBA
GTIN	4046356024419
Weight per piece (including packing)	8 g
Weight per piece (excluding packing)	8 g
Customs tariff number	85444290
Country of origin	DE

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## Technical data

### Mounting

Mounting type	Front mounting (M5 x 0,5)
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### Product properties

Product type	Circular connectors (device side)
Application	Signal
Number of positions	4
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 <sup>2</sup>

### Connector

#### Connection 1

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

## Connection 2

Head design	free cable end
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## Cable/line

Cable length	0.5 m
Cable type	TPE litz wire
Single wire, color	brown, white, blue, black
Cable cross section	0.14 mm <sup>2</sup>
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
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

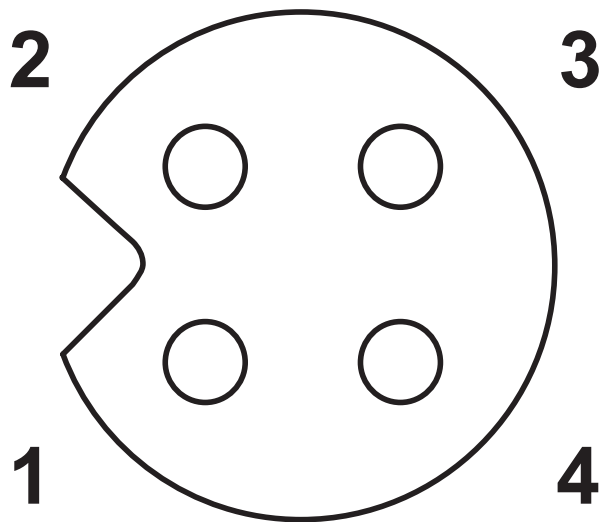
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## Drawings

Schematic diagram



Pin assignment M5 socket, 4-pos., D-coded, view female side

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## Classifications

### ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

### ETIM

ETIM 10.0	EC003570
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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	5f8f1330-1b40-48e4-a4f2-47c6cdad8432

### EF3.1 Climate Change

CO2e kg	1.642 kg CO2e
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