SACC-E-M5MS-3CON-M5/0,5 - Device connector front mounting

1530582

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Device connector front mounting, 3-position, Pin, straight, M5, A-coding, on free cable end, Individual wires, cable length: 0.5 m, 0.14 mm^2, 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	1530582
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB21
Product key	ABQMAA
GTIN	4046356024389
Weight per piece (including packing)	6.6 g
Weight per piece (excluding packing)	6.5 g
Customs tariff number	85444290
Country of origin	DE

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	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
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	Pin
Conductor cross-section	0.14 mm²

Connector

Connection 1

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

Connection 2

Head design	free cable end

Cable/line

Cable length	0.5 m
Cable type	TPE litz wire
Single wire, color	brown, blue, black
Cable cross section	0.14 mm²
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

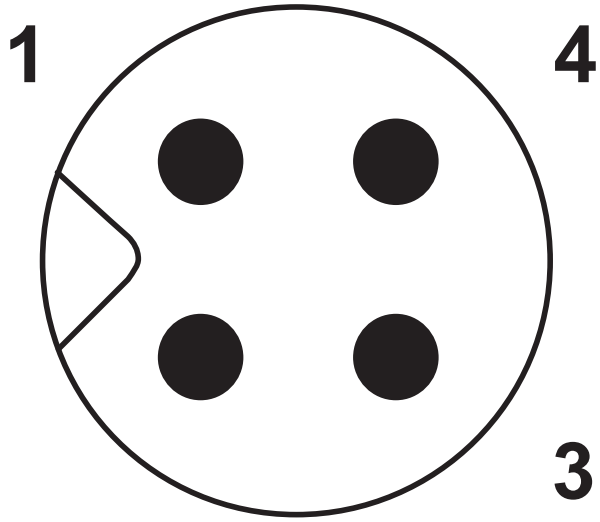
Degree of protection	IP67
Ambient temperature (operation) (Cable, fixed installation)	-25 °C ... 80 °C (cable, fixed installation)
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug)

Standards and regulations

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

Drawings

Schematic diagram



Pin assignment M5 plug, 3-pos., view plug side

Classifications

ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

ETIM

ETIM 10.0	EC003570

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	f459de94-fd2d-4367-905f-046c26c133b6

EF3.1 Climate Change

CO2e kg	1.217 kg CO2e

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