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

1530582

https://www.phoenixcontact.com/us/products/1530582

Device connector front mounting, 3-position, Pin, straight, M5, Front mounting, M5 x 0.5, 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
Catalog page	Page 32 (C-2-2019)
GTIN	4046356024389
Weight per piece (including packing)	6.7 g
Weight per piece (excluding packing)	6.5 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

Mounting

Mounting type	Front mounting M5 x 0.5

Product properties

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

Data management status

Article revision	01

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

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
	IP67
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 85 °C (Plug)

Standards and regulations

M5

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

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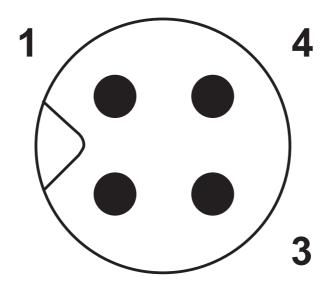
Drawings

Schematic diagram

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

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635

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	f459de94-fd2d-4367-905f-046c26c133b6

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