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



1530605

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Device connector front mounting, 3-position, Socket, 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	1530605
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABQMBA
Catalog page	Page 32 (C-2-2019)
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



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Technical data

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
Insulation characteristics	
Overvoltage category	II
Degree of pollution	3
Naterial specifications	
Flammability rating according to UL 94	НВ
Seal material	Viton

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	≤ 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	Socket
Conductor cross section	0.14 mm ²

Connector

Connection 1		
Head design	Socket	



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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 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)	-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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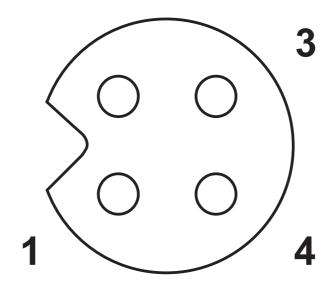


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Drawings

Schematic diagram



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

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