

SACC-E-M12MS-5P-M20/0,5-0,75VA - Device connector front mounting



1110540

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Device connector front mounting, 5-position, Individual wires, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1238465

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
- All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- For high transmission safety: shield connection to the housing with optional EMC nut

Commercial data

Item number	1110540
Packing unit	1 pc
Minimum order quantity	100 pc
Sales key	AB28
Product key	ABQSAD
GTIN	4063151026523
Weight per piece (including packing)	63.2 g
Weight per piece (excluding packing)	63.2 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

Notes

General	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Safety note	<p data-bbox="849 819 1452 902">WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.</p> <ul data-bbox="849 916 1468 2087" style="list-style-type: none"><li data-bbox="849 916 1468 1025">• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.<li data-bbox="849 1039 1468 1234">• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.<li data-bbox="849 1247 1468 1308">• The products are suitable for applications in plant, controller, and electrical device engineering.<li data-bbox="849 1321 1468 1382">• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.<li data-bbox="849 1395 1468 1456">• Assembled products may not be manipulated or improperly opened.<li data-bbox="849 1469 1468 1552">• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).<li data-bbox="849 1565 1468 1626">• When using the product in direct connection with third-party manufacturers, the user is responsible.<li data-bbox="849 1639 1468 1700">• For operating voltages > 50 V AC, conductive connector housings must be grounded<li data-bbox="849 1713 1468 1774">• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.<li data-bbox="849 1787 1468 1960">• Observe the corresponding technical data. You will find information:<ul data-bbox="849 1848 1468 1960" style="list-style-type: none"><li data-bbox="849 1848 1468 1877">o On the product<li data-bbox="849 1879 1468 1908">o On the packing label<li data-bbox="849 1910 1468 1939">o In the supplied documentation<li data-bbox="849 1942 1468 1960">o Online at phoenixcontact.com/products under the product<li data-bbox="849 1973 1468 2002">• Only use tools recommended by Phoenix Contact<li data-bbox="849 2016 1468 2087">• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products

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- Ensure that the protective or functional ground has been properly connected.
- VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector
- The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).

Mounting

Mounting type	Front wall/screw mounting
Connection method	Individual wires

Product properties

Product type	Circular connectors (device side)
Number of positions	5
Coding	A

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	V0
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Electrical properties

Rated surge voltage	1.5 kV AC
Nominal voltage U_N	60 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Individual wires
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Cable/line

Cable length	0.5
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67/IP69/IP69K
	IP65/IP67/IP69K
Ambient temperature (operation)	-25 ... -85

Standards and regulations

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M12

Standard designation	M12 connector
Standards/specifications	according to IEC 61076-2-101

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1110540>



EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27060308

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

PROT-M12 FS - Sealing cap

1560251

<https://www.phoenixcontact.com/us/products/1560251>



M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

PROT-M12 FS-M - Sealing cap

1430488

<https://www.phoenixcontact.com/us/products/1430488>



M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

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A-INL-M20-N-S - Counter nut

1411242

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Counter nut, for threads M20 x 1.5, color: silver



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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com