

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



1110540

<https://www.phoenixcontact.com/us/products/1110540>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

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

connector front mounting



1110540

<https://www.phoenixcontact.com/us/products/1110540>

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

Safety note

WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.

- **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.

- **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.

- The products are suitable for applications in plant, controller, and electrical device engineering.

- When operating the connectors in outdoor applications, they must be separately protected against environmental influences.

- Assembled products may not be manipulated or improperly opened.

- 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](https://www.phoenixcontact.com/products)).

- When using the product in direct connection with third-party manufacturers, the user is responsible.

- For operating voltages > 50 V AC, conductive connector housings must be grounded

- Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.

- Observe the corresponding technical data. You will find information:

- o On the product
- o On the packing label
- o In the supplied documentation
- o Online at [phoenixcontact.com/products](https://www.phoenixcontact.com/products) under the product

- Only use tools recommended by Phoenix Contact

- 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](https://www.phoenixcontact.com/products)

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



1110540

<https://www.phoenixcontact.com/us/products/1110540>

- 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
--	----

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
-------------------	------------------

Cable/line

Cable length	0.5
--------------	-----

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

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



1110540

<https://www.phoenixcontact.com/us/products/1110540>

M12

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

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



1110540

<https://www.phoenixcontact.com/us/products/1110540>

Approvals

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



EAC

Approval ID: B.01687

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



1110540

<https://www.phoenixcontact.com/us/products/1110540>

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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



1110540
<https://www.phoenixcontact.com/us/products/1110540>

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"

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



1110540

<https://www.phoenixcontact.com/us/products/1110540>

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

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



1110540

<https://www.phoenixcontact.com/us/products/1110540>

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

1411242

<https://www.phoenixcontact.com/us/products/1411242>

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



Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

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