

SACC-DSI-MS-4P-M12/0,07 SH - Device connector rear mounting



1402328
<https://www.phoenixcontact.com/us/products/1402328>

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 rear mounting, 4-position, shielded, Pin, straight, M12, A-coding, on free cable end, Individual wires, cable length: 0.07 m, 0.34 mm², potted, this item is expected to be lead-free from Q3 2025 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1402328
Packing unit	1 pc
Minimum order quantity	100 pc
Product key	ABQCGA
GTIN	4046356599924
Weight per piece (including packing)	21.5 g
Weight per piece (excluding packing)	9.583 g
Country of origin	DE

SACC-DSI-MS-4P-M12/0,07 SH - Device connector rear mounting



1402328

<https://www.phoenixcontact.com/us/products/1402328>

Technical data

Notes

Order information:	Lock nut is included in the scope of delivery
General	Contact connection method: Crimp connection
Notes on operation	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).
	• 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 under the product
	• Only use tools recommended by Phoenix Contact
	• Use a protective cap to protect connectors that are not in use.

SACC-DSI-MS-4P-M12/0,07 SH - Device connector rear mounting



1402328

<https://www.phoenixcontact.com/us/products/1402328>

The suitable accessories are available online in the accessory section of the product at [phoenixcontact.com/products](https://www.phoenixcontact.com/products)

- 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

Rear mounting (M12 x 1)

Product properties

Product type

Circular connectors (device side)

Application

Signal

Number of positions

4

Shielded

yes

Coding

A

Thread type

M12

Insulation characteristics

Overvoltage category

II

Degree of pollution

3

Material specifications

Material Molding compound

PUR (potted)

Electrical properties

Rated surge voltage

2.5 kV AC

Nominal voltage U_N

250 V

Nominal current I_N

4 A

Connection data

Conductor connection

Connection method

Individual wires

Contact connection type

Pin

Conductor cross-section

0.34 mm²

Connector

Connection 1

Head design

Pin

Head cable outlet

straight

SACC-DSI-MS-4P-M12/0,07 SH - Device connector rear mounting



1402328

<https://www.phoenixcontact.com/us/products/1402328>

Head thread type	M12
Coding	A

Connection 2

Head design	free cable end
-------------	----------------

Cable/line

Cable length	0.07 m
Cable cross section	0.34 mm ²

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)
	IP65/IP67
Ambient temperature (operation)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

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

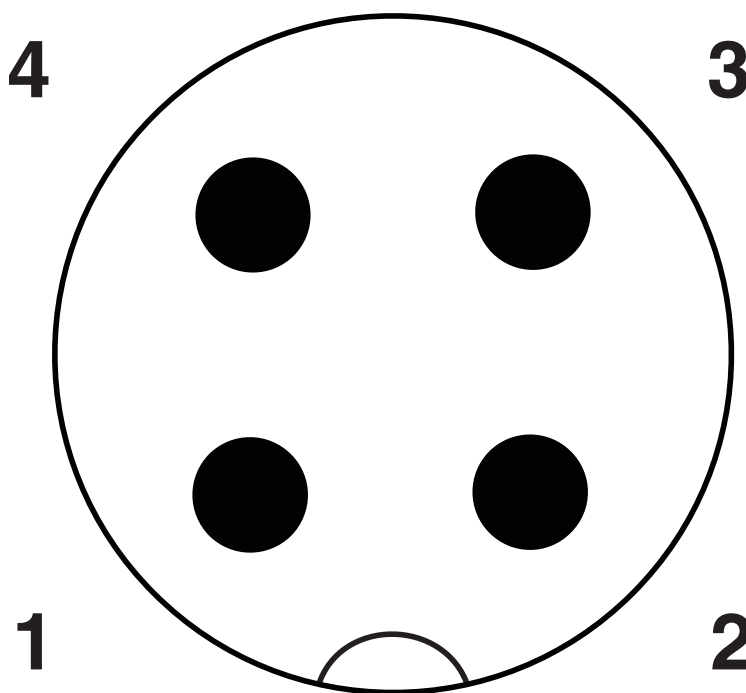
SACC-DSI-MS-4P-M12/0,07 SH - Device connector rear mounting

1402328

<https://www.phoenixcontact.com/us/products/1402328>

Drawings

Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side

SACC-DSI-MS-4P-M12/0,07 SH - Device connector rear mounting



1402328
<https://www.phoenixcontact.com/us/products/1402328>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1402328>

	cULus Recognized Approval ID: E221474-20140616			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine	250 V	4 A	22 - 20	-

SACC-DSI-MS-4P-M12/0,07 SH - Device connector rear mounting



1402328

<https://www.phoenixcontact.com/us/products/1402328>

Classifications

ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

ETIM

ETIM 9.0	EC003570
----------	----------

UNSPSC

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

SACC-DSI-MS-4P-M12/0,07 SH - Device connector rear mounting



1402328

<https://www.phoenixcontact.com/us/products/1402328>

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	489bfff3-0098-43e3-a823-cf19ae760c77

Phoenix Contact 2025 © - 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