

SACC-MCI-M12MS-8CON - Contact carrier



1440928

<https://www.phoenixcontact.com/us/products/1440928>

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Contact carrier, 8-position, Pin, straight, M12, coding: A, Front mounting, Square flange, Crimp connection, 0.25 mm²

Your advantages

- Convenient field assembly: device connectors for fast on-site mounting
- Contact carriers that are designed for assembly or available with preassembled litz wires
- Standard pin assignments for signal and power transmission with a uniform design-in design

Commercial data

Item number	1440928
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB24
Product key	ABQCED
Catalog page	Page 45 (C-2-2019)
GTIN	4046356533768
Weight per piece (including packing)	1.4 g
Weight per piece (excluding packing)	1.36 g
Customs tariff number	85366990
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.
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Product properties

Number of positions	8
No. of cable outlets	1
Seal present	no
Shielded	no
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Rated surge voltage	0.8 kV
Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	30 V
Nominal current I_N	2 A

Connection data

Connection method	Crimp connection
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Signaling

Status display	No
Status display present	No

Material specifications

Flammability rating according to UL 94	V0
Contact carrier material	PA 6.6

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M12

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Coding	A
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Cable/line

Cable cross section	0.25 mm ²
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)

Standards and regulations

M12

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

Mounting

Mounting type	Front mounting Square flange 25 mm side length
Assembly instructions	25 mm side length

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Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440116
ECLASS-13.0	27440223

ETIM

ETIM 9.0	EC003557
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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