



Automatización Eléctrica
Especialistas en Automatización

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Contact carriers - SACC-MCI-M12MS-5CON/0,5 - 1440818

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Assembled contact carrier and insulating body with 0.5 m litz wires and crimp contacts

The illustration shows the 5-position version of the product

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 533621

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	4 A
Rated voltage	60 V
Rated surge voltage	1.5 kV
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Crimp contacts
Mounting type	Front mounting Square flange 25 mm side length

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66

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Technical data

Cable

Cable type	TPE litz wire
AWG signal line	22
Conductor structure signal line	0.34 mm
Outer sheath, material	TPE
Ambient temperature (operation)	-25 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (cable, flexible installation)

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals

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EAC

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Approvals

Ex Approvals

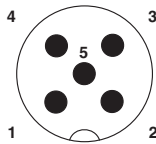
Approvals submitted

Approval details

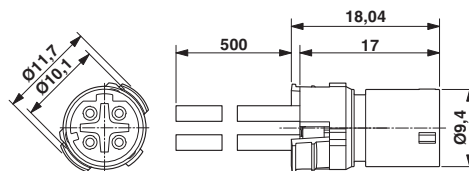
EAC

Drawings

Schematic diagram



Dimensional drawing



Pin assignment M12 male connector, 5-pos., A-coded, male side

The figure shows the 4-pos., D-coded version

Circuit diagram



Contact assignment of the M12 plug

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