

Contact carriers - SACC-MCI-M12MS-8CON/0,5 - 1457827

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

Why buy this product

- Convenient field assembly: device connectors for fast on-site mounting
- Contact carriers that can be freely assembled or available with pre-assembled litz wires
- Customer-specific assemblies and litz wire lengths available
- Standard pin assignments for signal and power transmission with a uniform design-in design

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 623773
GTIN	4046356623773

Technical data

Ambient conditions

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

General

Rated current at 40°C	2 A
Rated voltage	30 V
Number of positions	8
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

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Technical data

General

Connection method	Crimp contacts
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Material

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

Cable

Cable type	TPE litz wire
AWG signal line	24
Conductor structure signal line	0.25 mm
Outer sheath, material	TPE
Standards/specifications	M12 connector IEC 61076-2-101
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (cable, flexible installation)

Standards and Regulations

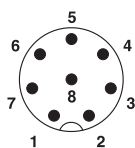
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Environmental Product Compliance

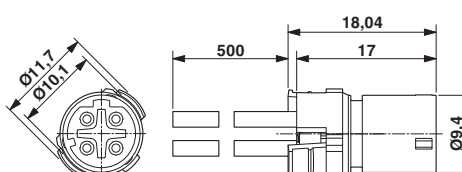
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram



Dimensional drawing

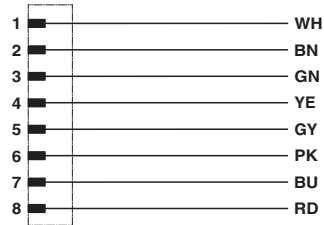


Pin assignment M12 plug, 8-pos., view plug side

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

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Circuit diagram



Contact assignment of the M12 plug

Approvals

Approvals

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EAC

Ex Approvals

Approval details

EAC		B.00767
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