

## 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

### Your advantages

- ✓ 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 pc
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 6.6

#### 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

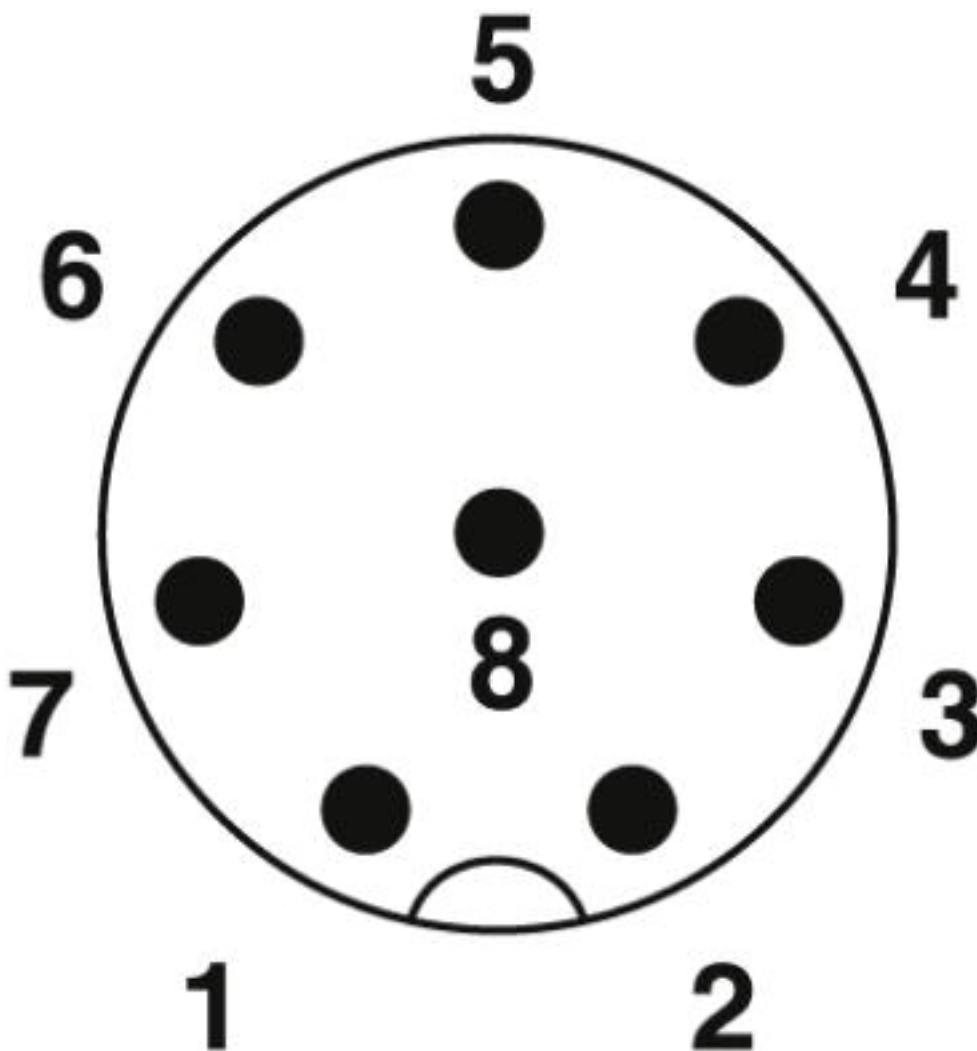
#### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

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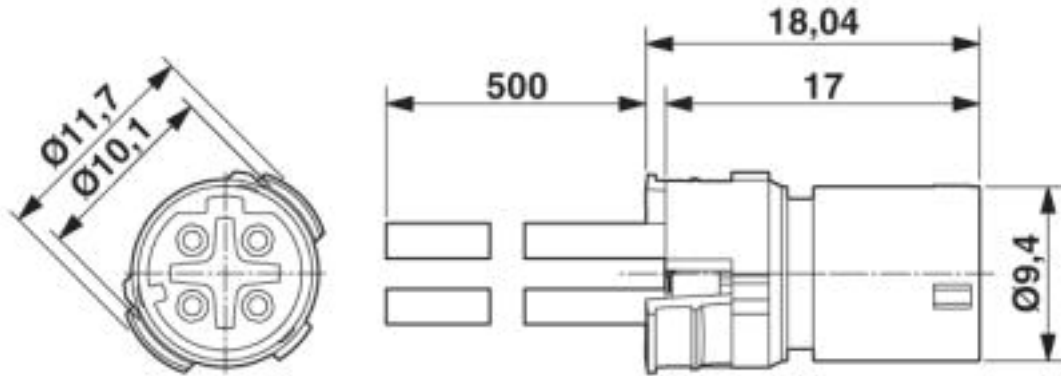
Schematic diagram



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

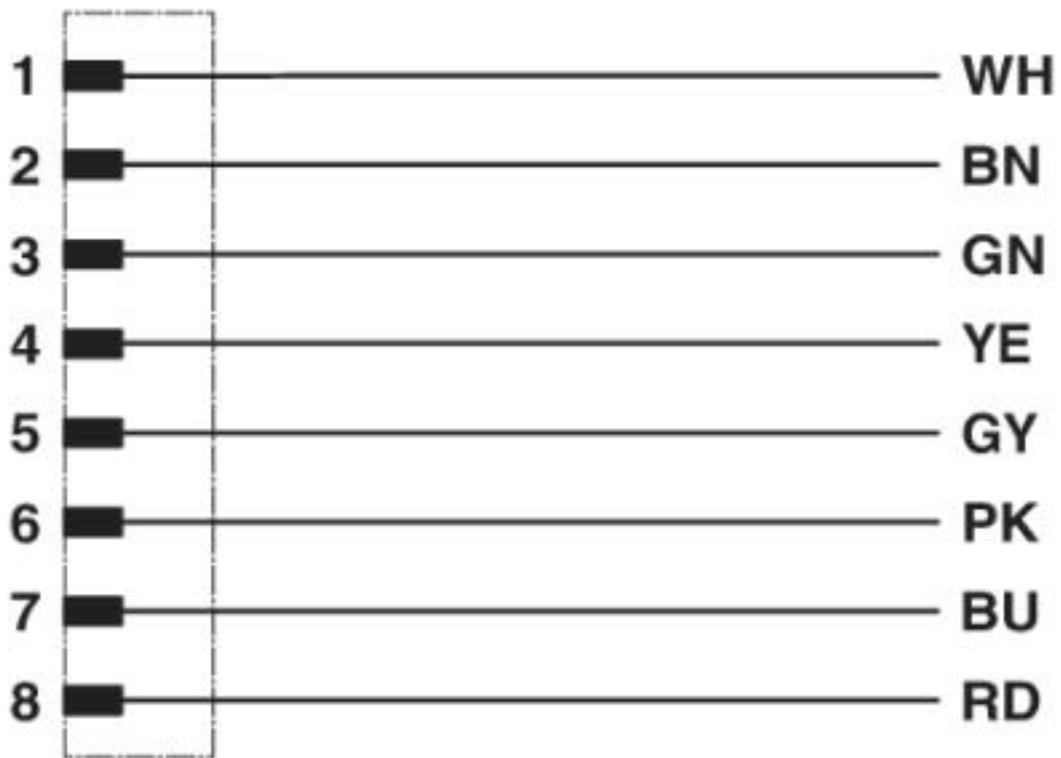
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Dimensional drawing



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

Circuit diagram



Contact assignment of the M12 plug

Approvals

Approvals

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### Approvals

Approvals


EAC

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Ex Approvals

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### Approval details

EAC		B.00767
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