

Contact carriers - SACC-MCI-M12MS-8CON - 1440928

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8-pos. contact carrier, with splice ring

The figure shows the 8-position version of the product

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
- ✓ Standard pin assignments for signal and power transmission with a uniform design-in design



Key Commercial Data

Packing unit	10 pc
GTIN	 4 046356 533768
GTIN	4046356533768

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
Rated surge voltage	0.8 kV
Number of positions	8
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No

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Technical data

General

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 carrier material	PA 6.6

Cable

Conductor cross section	0.25 mm ²
Standards/specifications	M12 connector IEC 61076-2-101

Standards and Regulations

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

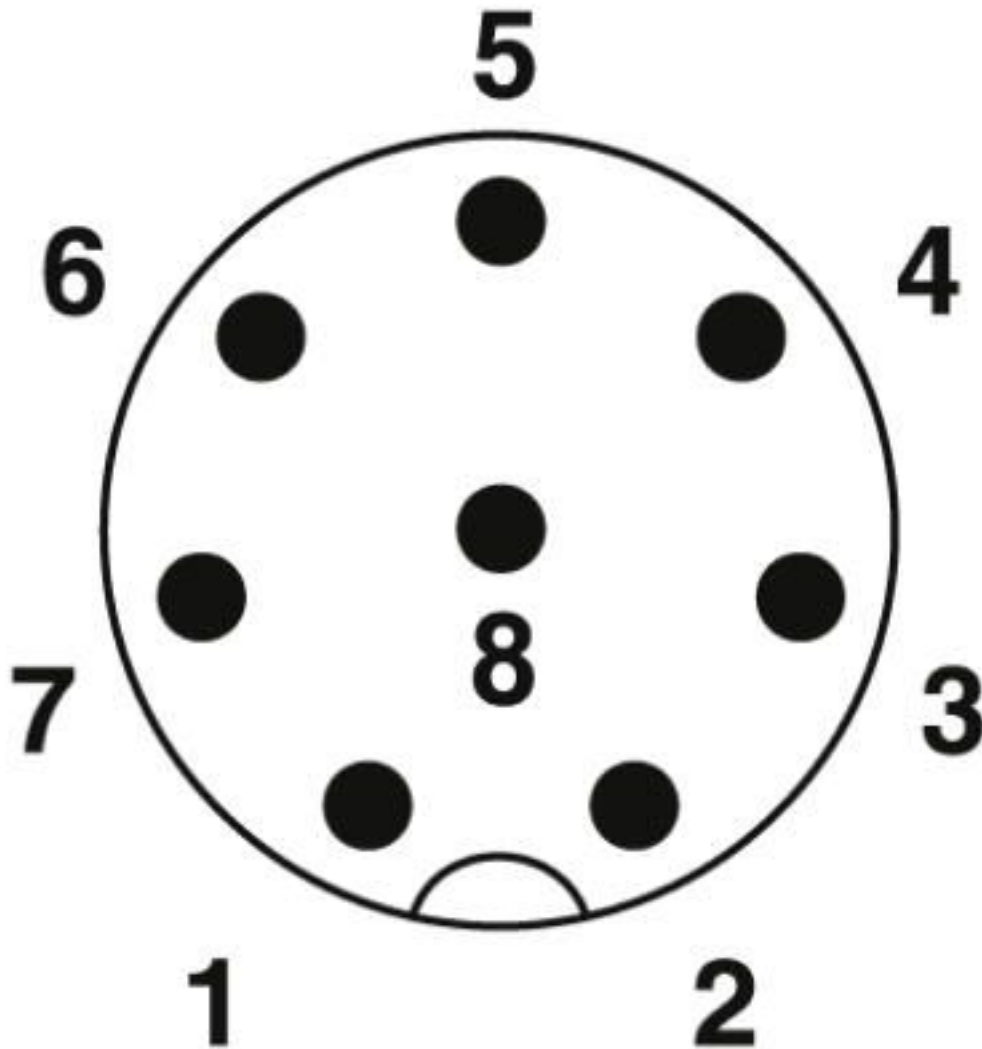
Environmental Product Compliance

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

Drawings

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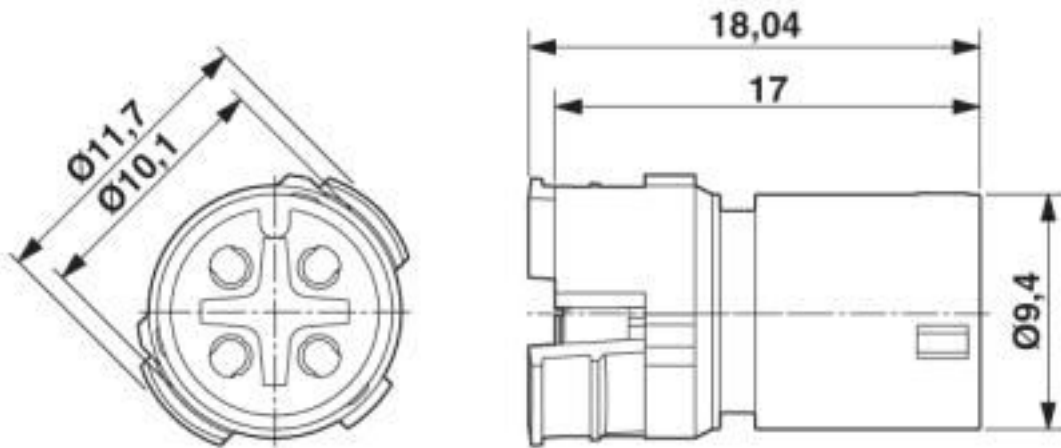
Schematic diagram



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

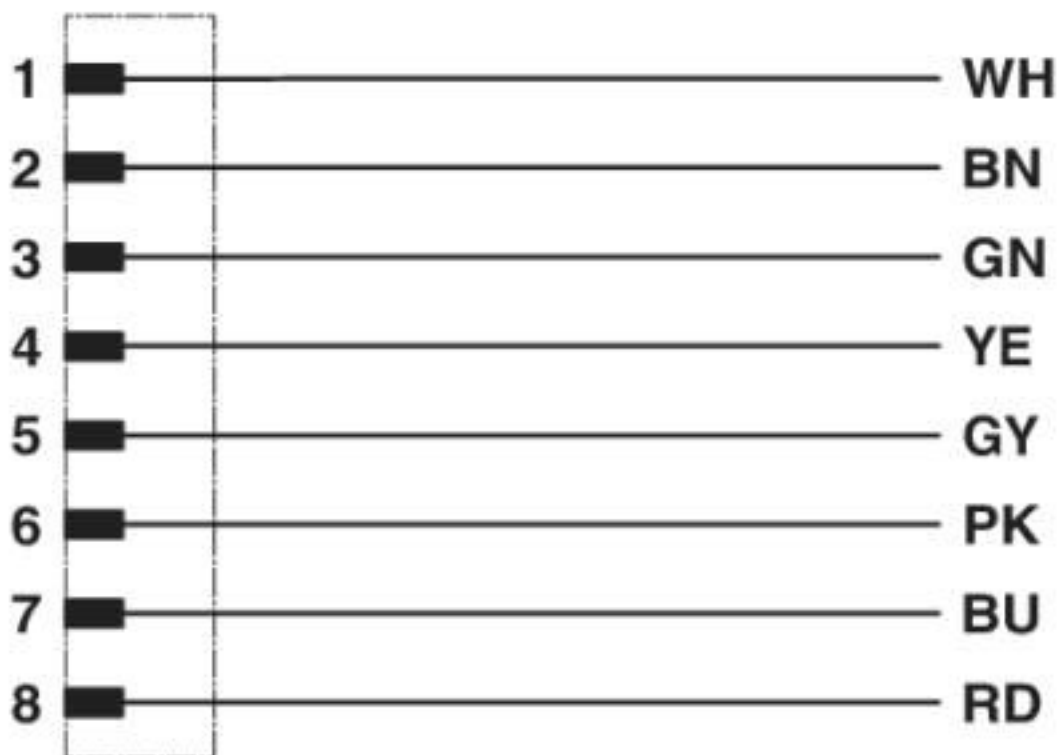
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Dimensional drawing



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

Circuit diagram



Contact assignment of the M12 plug

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Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals

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EAC

Ex Approvals

Approval details

EAC		B.01687
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Accessories

Accessories

Crimp contact

Crimp contact - CC-0,8-ST-0,34-MS AU - 1452372



Crimp contact, diameter 0.8 mm, for the 8-pos. contact insert, crimp range from 0.08 mm² - 0.34 mm².

Panel mounting base

Flange - SACC-MSQ-M12MS-25-3,2 SCO - 1419959



Flange housing, 25 mm x 25 mm

Protective cap

Sealing cap - PROT-M12 FS - 1560251



M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Sealing cap - PROT-M12 FS-M - 1430488



M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

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