

## Panel feed-through - SACC-EC-MR-8CON-M12/0,5 SCO - 1543427


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Sensor/actuator flush-type plug, angled, 8-pos., M12 SPEEDCON, shielded, A-coded, front/screw mounting with M12 thread, with 0.5 m TPE litz wire, 8 x 0.25 mm<sup>2</sup>



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 097857
GTIN	4046356097857

### Technical data

#### Dimensions

Length of cable	0.5 m
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#### 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
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires
Mounting type	Front mounting M12 x 1 With locking nut

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## Technical data

### Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material of grip body	Zinc die-cast, nickel-plated
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

### Cable

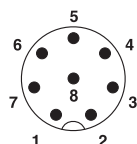
Cable type	TPE litz wire
Conductor cross section	0.25 mm <sup>2</sup>
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.15 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Brown, blue, white, gray, pink, green, yellow, red
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 80 mΩ/m
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

### Standards and Regulations

Flammability rating according to UL 94	V0
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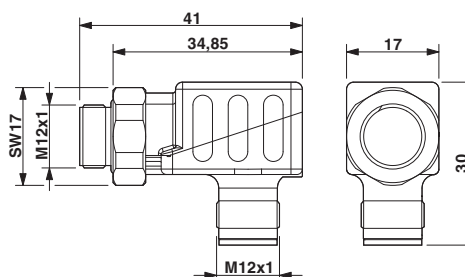
## Drawings

Schematic diagram



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

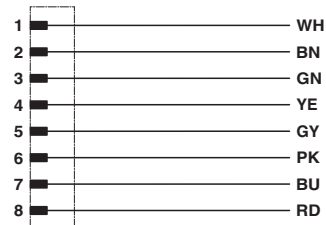
Dimensional drawing



M12 x 1 male plug, angled, shielded

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Circuit diagram



Contact assignment of the M12 plug and the M12 socket

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