

## Sensor/actuator cable - SAC-17P- 5,0-PVC/FS SCO - 1555363

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Sensor/actuator cable, 17-position, PVC, black RAL 9005, free cable end, on Socket straight M12 SPEEDCON, A-coded, cable length: 5 m

### Your advantages

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ Save time, thanks to installation with SPEEDCON fast locking system
- ✓ Save space – with high-pos. connectors



### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356176644

### Technical data

#### Dimensions

Length of cable	5 m
Cable diameter	6.4 mm
Stripping length of the free conductor end	35 mm

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Socket)
Degree of protection	IP65/IP68/IP69K

#### General

Rated current at 40°C	1.5 A
Rated voltage	30 V AC
	30 V DC
Number of positions	17
Insulation resistance	≥ 10 MΩ

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## Technical data

### General

Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Protective circuit/component	unwired
Overvoltage category	II
Degree of pollution	3
Torque	0.4 Nm (M12 connector)

### Material

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

### Cable

Cable type	PVC black
Conductor cross section	0.14 mm <sup>2</sup>
AWG signal line	26
Conductor structure signal line	18x 0.10 mm
Core diameter including insulation	1 mm ±0.05 mm
Wire colors	Color-coded DIN 47100
Overall twist	Wires twisted in layers
External sheath, color	black RAL 9005
External cable diameter	6.40 mm
Smallest bending radius, movable installation	96 mm
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Standards/specifications	M12 connector IEC 61076-2-101
Ambient temperature (operation)	-5 °C ... 80 °C (cable, flexible installation) -25 °C ... 80 °C (cable, fixed installation)

### Standards and Regulations

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

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

# Sensor/actuator cable - SAC-17P- 5,0-PVC/FS SCO - 1555363

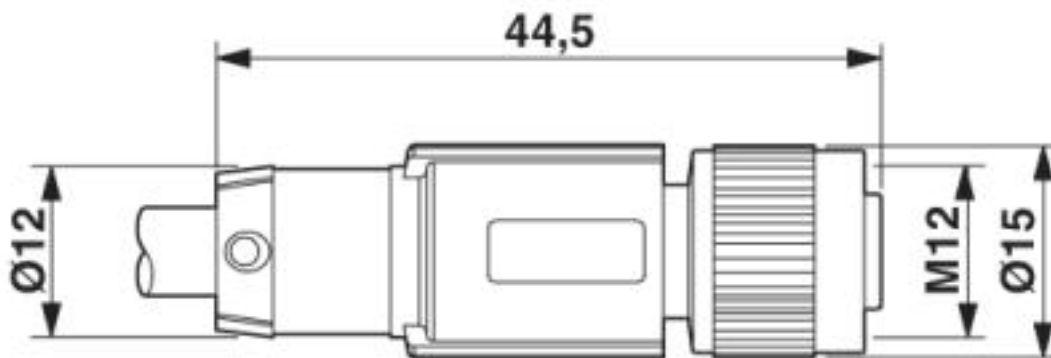
## Technical data

### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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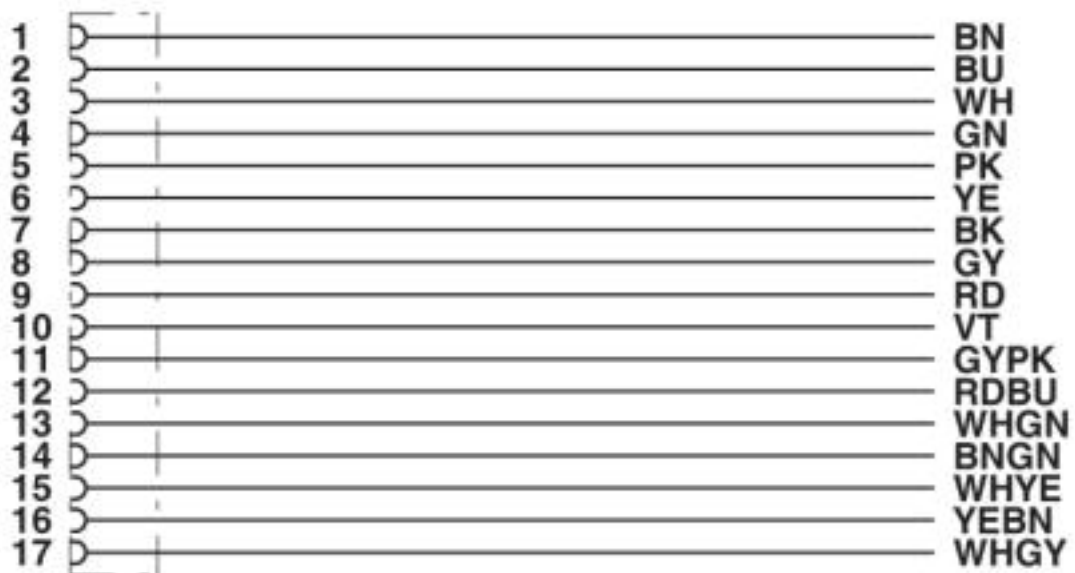
## Drawings

Dimensional drawing



M12-SPEEDCON socket, straight

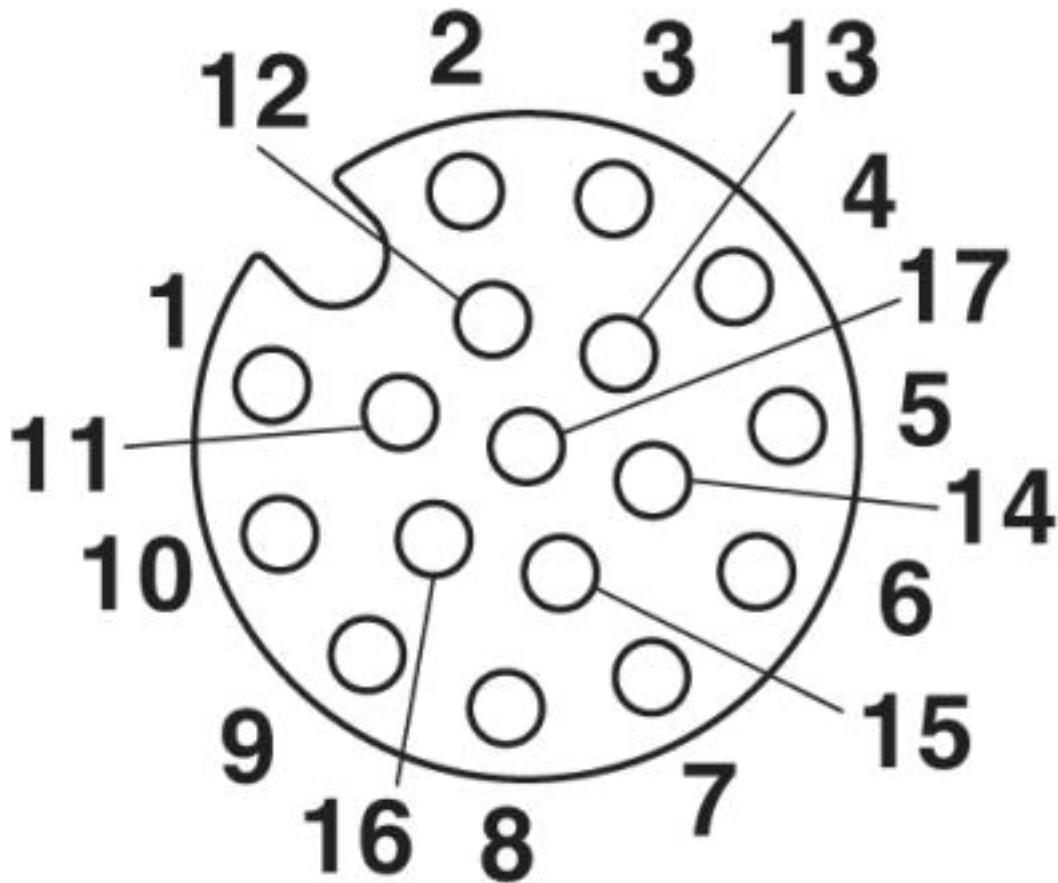
Circuit diagram



Contact assignment of the M12 socket

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Schematic diagram



Pin assignment M12, 17-pos., socket side view

# Sensor/actuator cable - SAC-17P- 5,0-PVC/FS SCO - 1555363

Cable cross section



PVC black [PVC]

Approvals

Approvals

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Approvals

EAC / UL Listed

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Ex Approvals


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Approval details

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## Approvals

EAC		EAC-Zulassung
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UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
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Nominal voltage UN	30 V
Nominal current IN	1 A

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>