

## Sensor/actuator cable - SAC-2P-M12MS/2,5-PUR/ZC-1L-S - 1540983

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Sensor/actuator cable, 2-pos, PUR/PVC gray, straight M12 plug on valve connector type MSZC, with 1 LED, cable length: 2.5 m

The figure shows the SPEEDCON version



### Key Commercial Data

Packing unit	50 pc
Minimum order quantity	100 pc
GTIN	 4 046356 085977
GTIN	4046356085977
Weight per Piece (excluding packing)	40.200 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length of cable	2.5 m
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#### Ambient conditions

Degree of protection	IP65 (M12 connector)
	IP67 (M12 connector)
	IP65 (Valve connector)

#### General

Rated voltage	48 V AC
	60 V DC
Number of positions	2
Insulation resistance	≥ 100 MΩ

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## Technical data

### General

Coding	A - standard
Status display	1 LED
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100

### Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Valve plug contact material	CuSn
Material housing valve plug	TPE-U
Sealing material	NBR

### Standards and Regulations

Flammability rating according to UL 94	HB
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### Cable

Conductor cross section	2x 0.25 mm <sup>2</sup> (Signal line)
AWG signal line	24
Wire colors	black, black
External sheath, color	gray RAL 7001
External cable diameter D	3.4 mm
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires
Ambient temperature (operation)	-10 °C ... 50 °C (cable, fixed installation)
	-10 °C ... 50 °C (cable, flexible installation)

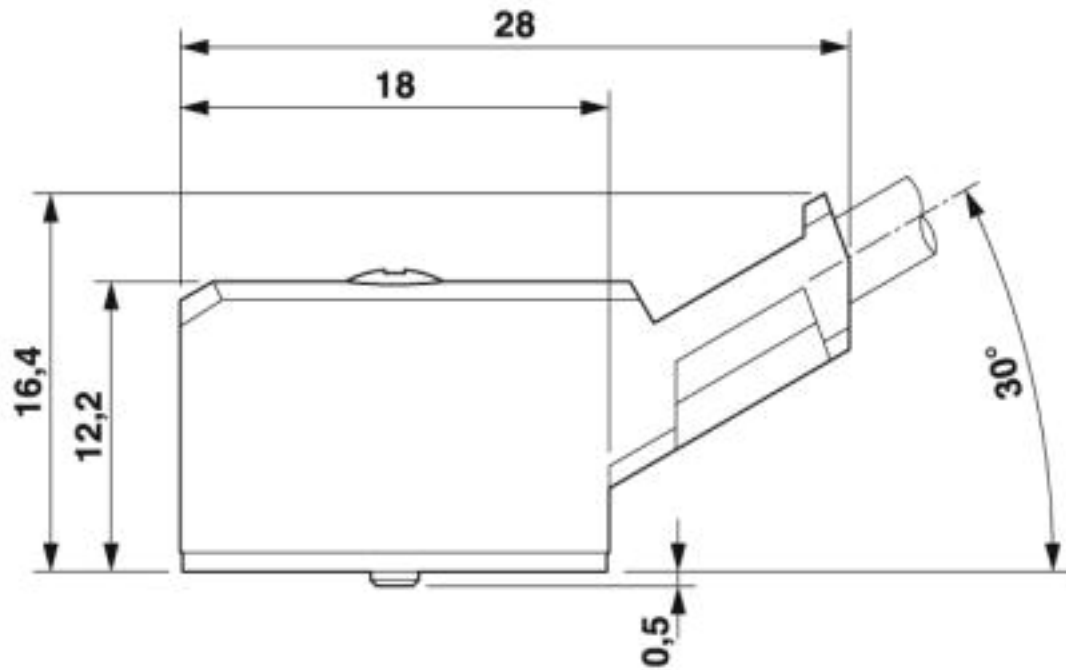
### Environmental Product Compliance

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

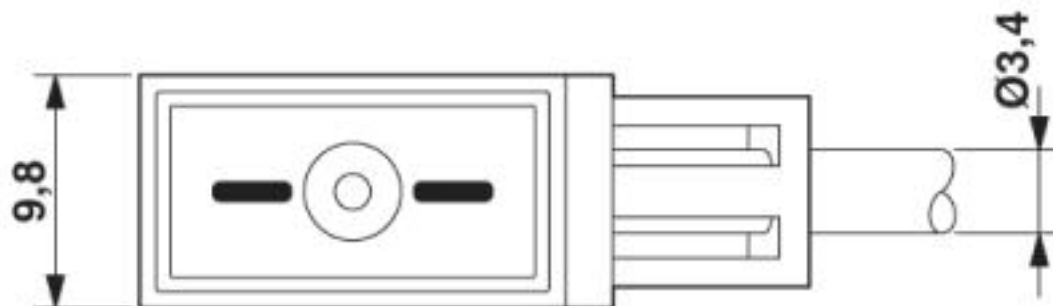
## Drawings

# Sensor/actuator cable - SAC-2P-M12MS/2,5-PUR/ZC-1L-S - 1540983

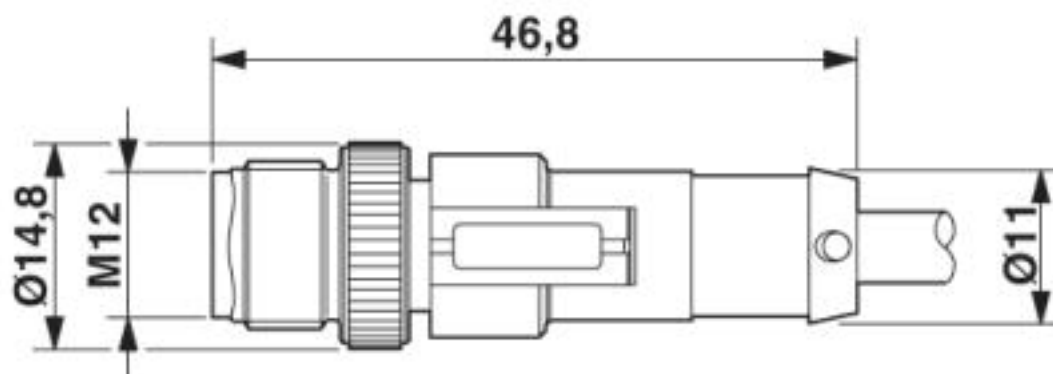
Dimensional drawing



Dimensional drawing

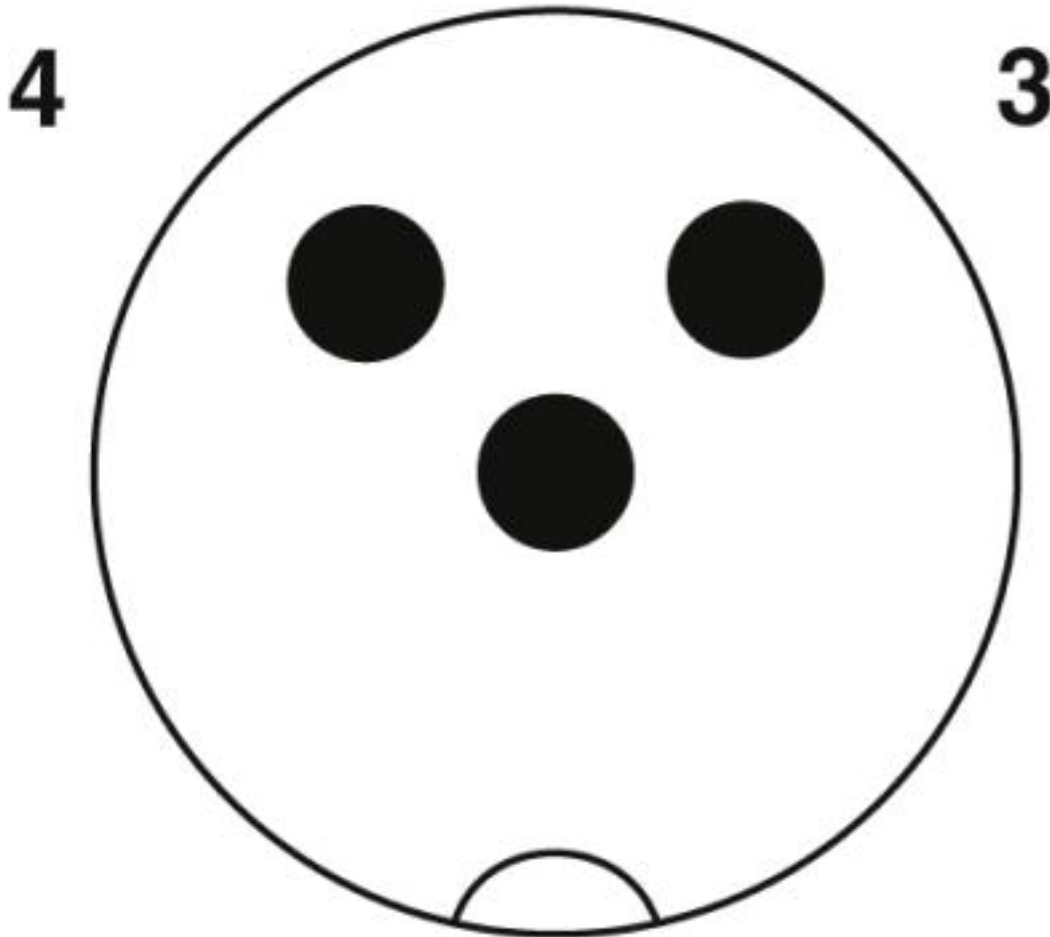


Dimensional drawing



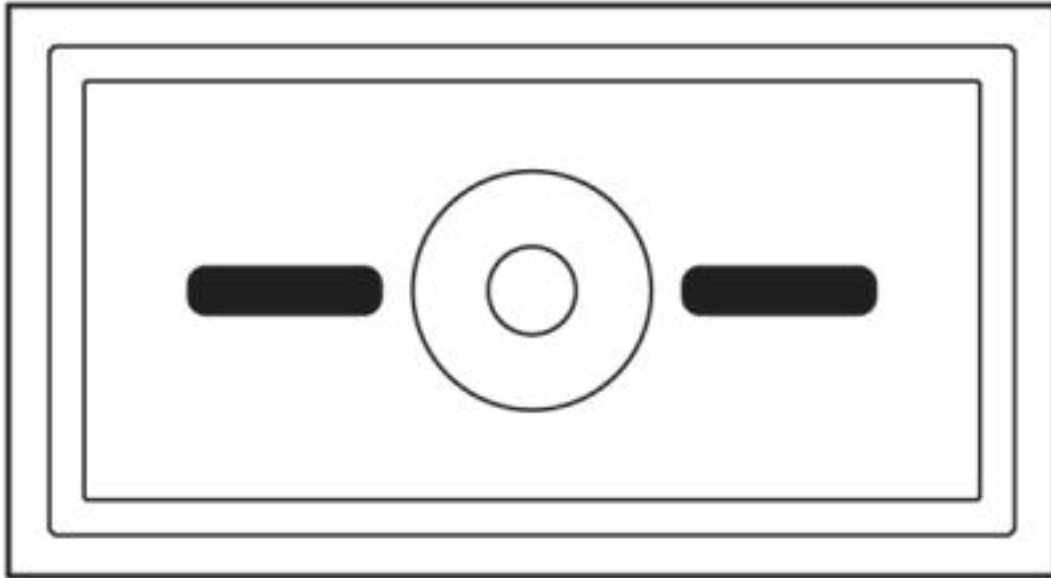
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Schematic diagram



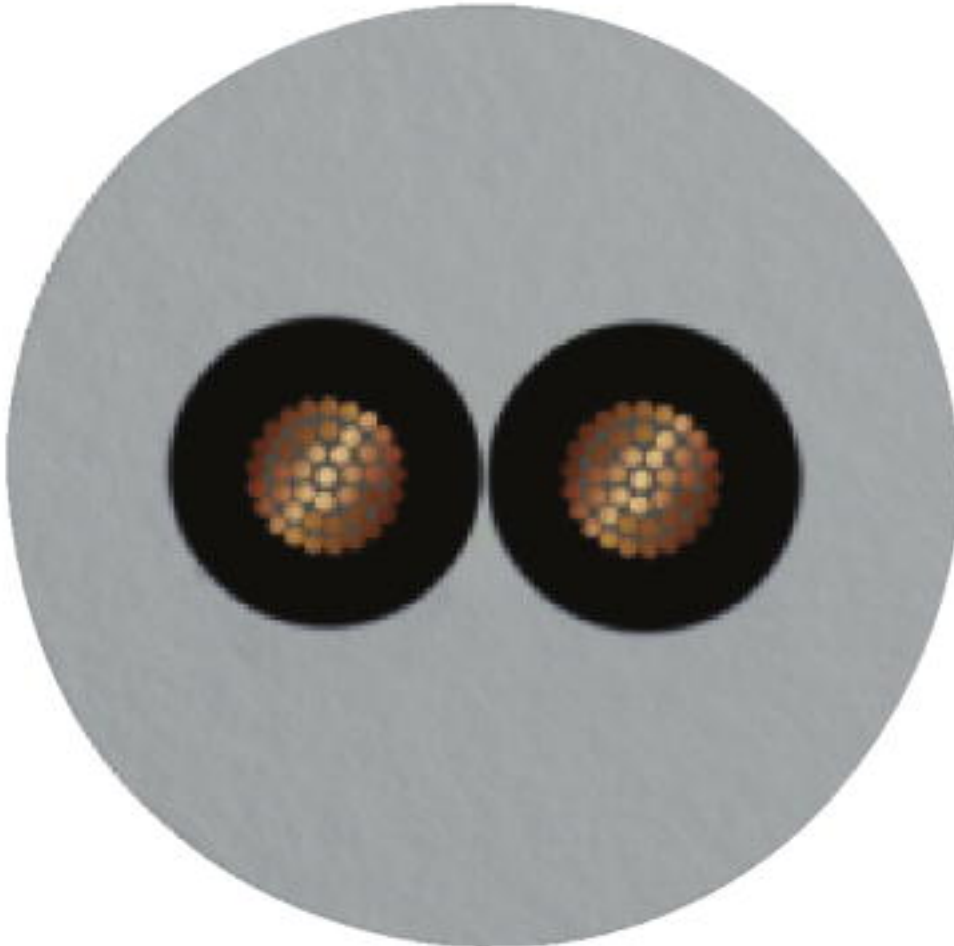
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Schematic diagram



# Sensor/actuator cable - SAC-2P-M12MS/2,5-PUR/ZC-1L-S - 1540983

Cable cross section



PUR gray [PUR]

## Classifications

eCl@ss

eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311

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## Classifications

### ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

UL Listed / cUL Listed / EAC / cULus Listed

#### Ex Approvals


### Approval details


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
Nominal voltage UN	300 V		
Nominal current IN	4 A		

cUL 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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### Approvals

EAC		RU C- DE.BL08.B.00286
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cULus Listed	
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