

## Sensor/actuator cable - SAC-3P-M12MS/3,0-240/BI-1L-Z - 1438710

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Sensor/actuator cable, 3-position, PUR halogen-free, yellow, Plug straight M12, A-coded, on Valve connector BI (11 mm), with 1 LED, connected with Z diode, cable length: 3 m

The figure shows the SPEEDCON version with a black conductor

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356496681

### Technical data

#### Dimensions

Length of cable	3 m
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#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
	-20 °C ... 85 °C (valve plug)
Degree of protection	IP65
	IP67

#### General

Rated current at 40°C	4 A
Rated voltage	24 V AC
	24 V DC
Number of positions	3
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	1 LED
Protective circuit/component	Z diode

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## Technical data

### General

Overvoltage category	III
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
Material of grip body	TPU
Valve plug contact material	CuSn
Valve plug contact surface material	Sn
Valve plug contact insert material	PA 6.6
Material housing valve plug	TPU
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	TPU (Seal molded)

### Standards and Regulations

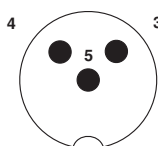
Flammability rating according to UL 94	HB
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### Environmental Product Compliance

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

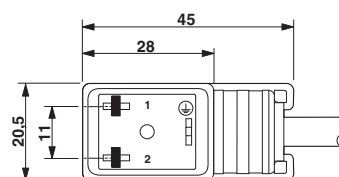
## Drawings

Schematic diagram



Pin assignment M12 plug, 3-pos., valve connector

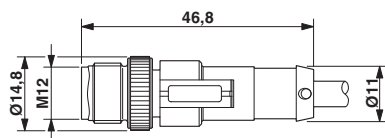
Dimensional drawing



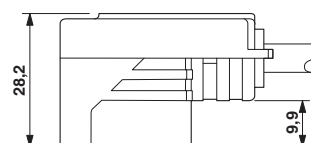
Valve connector, type BI

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Dimensional drawing



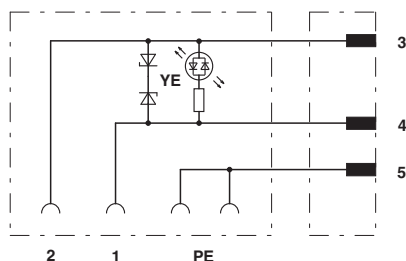
Dimensional drawing



Valve connector, type BI, side view

Plug, M12 x 1, straight, shielded

Circuit diagram



Contact assignment of M12 plug and valve connector

### Approvals


#### Approvals

Approvals

CSAus

Ex Approvals

#### Approval details

CSAus		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
Nominal voltage UN		24 V	
Nominal current IN		4 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>

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