SAC-2P-MS/0,6-PUR/ZC-1L-S SCO - Sensor/actuator cable

1453274

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Sensor/actuator cable, 2-position, PUR, gray RAL 7001, Plug straight M12 SPEEDCON, coding: A, with 1 LED, on Valve connector Festo ZC, with 1 LED, Wiring: Protective circuit and holding current reduction, cable length: 0.6 m

Your advantages

- Easy and safe: 100 % electrically tested plug-in components
- Save time, thanks to installation with SPEEDCON fast locking system
- Connecting cable specially for Festo KMYZ9 type valves

Commercial data

Item number	1453274
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	AF1DWA
GTIN	4046356550987
Weight per piece (including packing)	19.3 g
Weight per piece (excluding packing)	19.3 g
Country of origin	PL

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Technical data

Product properties

Product type	Sensor/actuator cable with valve connector
Application	Standard
Number of positions	2
No. of cable outlets	1
Shielded	no
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Connection data

Conductor connection

Tightening torque	0.4 Nm (M12 connector)

Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Material housing valve plug	PA
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Contact material	CuSn
Contact surface material	Sn
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	24 V DC
Nominal current I_N	4 A

Valve connector characteristics

Fixing screws	M2

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100

Signaling

Status display	1 LED
Status display present	yes

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Connector

Connection 1

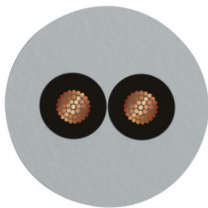|	
Type	Plug straight M12 SPEEDCON
Number of positions	2
Locking type	SPEEDCON
Coding type	A
Material	CuSn (Contact)
	Ni/Au (Contact surface)
	TPU GF (Contact carrier)
	TPU, hardly inflammable, self-extinguishing (Grip body)

Connection 2

Type	Valve connector Festo ZC
Number of positions	2
Material	CuSn (Contact)
	Sn (Contact surface)
	PA (Housing)
Protective circuit	Protective circuit and holding current reduction

Cable/line

Cable length	0.6 m

PUR gray [PUR]

Dimensional drawing	
Number of positions	2
Shielded	no
Cable type	PUR gray [PUR]
AWG signal line	24
Conductor cross section	2x 0.25 mm² (Signal line)
External cable diameter	3.40 mm
Outer sheath, material	PUR
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires
Single wire, color	black, black
Ambient temperature (operation)	-10 °C ... 50 °C (cable, fixed installation)
	-10 °C ... 50 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
	IP68
Ambient temperature (operation) (Valve connector)	-10 °C ... 50 °C (Valve connector)
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 90 °C (Plug / socket)

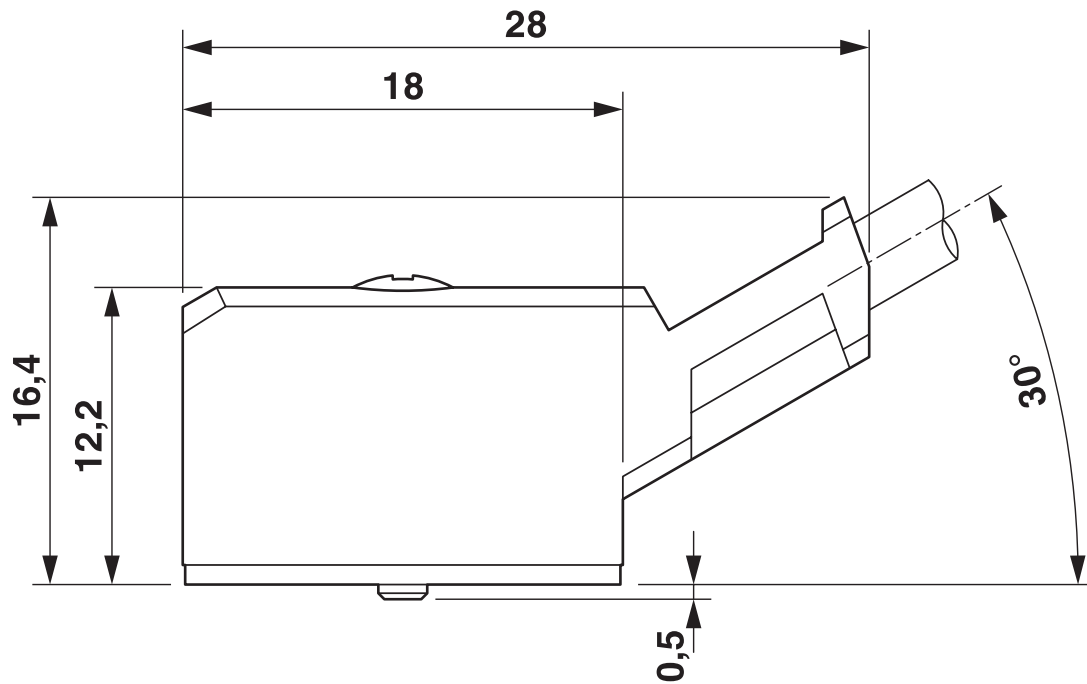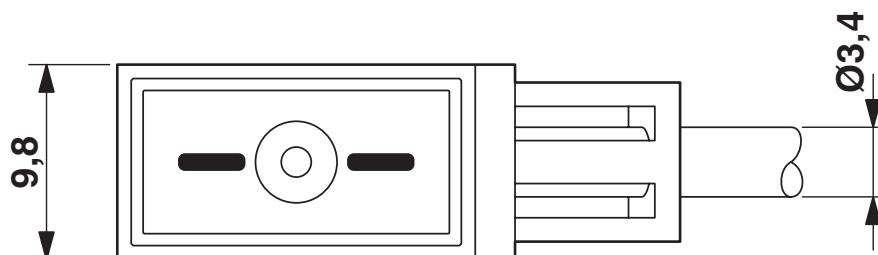# SAC-2P-MS/0,6-PUR/ZC-1L-S SCO - Sensor/actuator cable

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Drawings

Dimensional drawing

Dimensional drawing

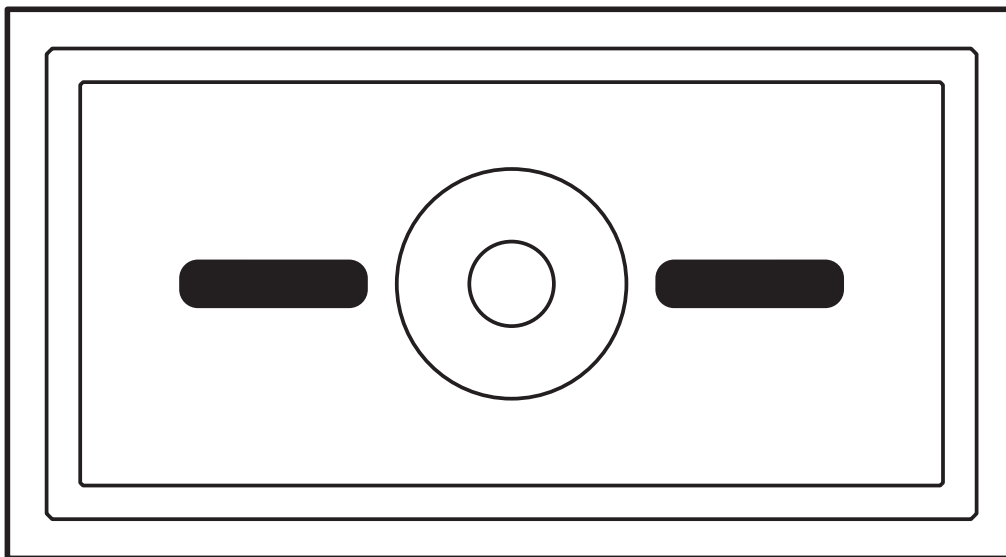# SAC-2P-MS/0,6-PUR/ZC-1L-S SCO - Sensor/actuator cable

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Dimensional drawing

46,8

Ø14,8 M12 Ø11

Schematic diagram

4   3

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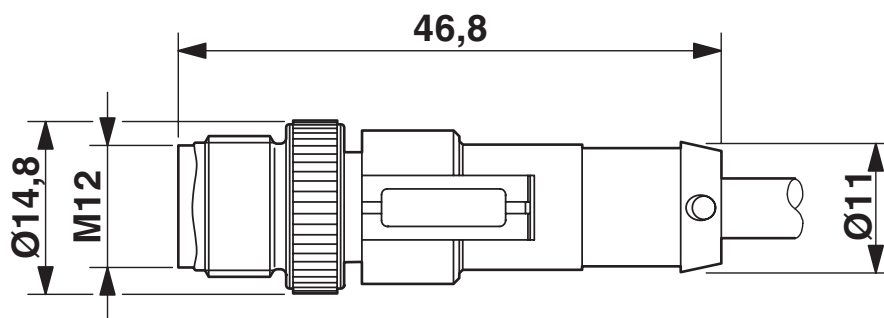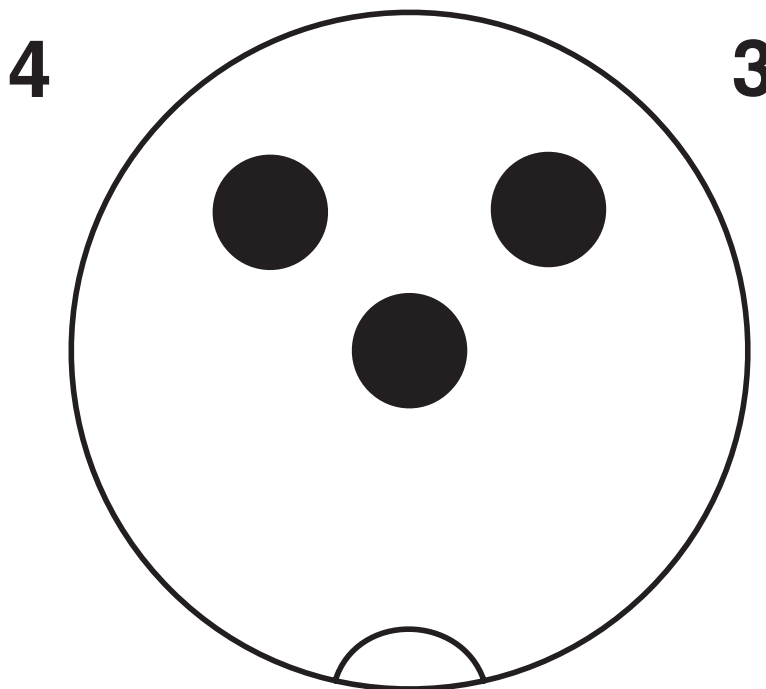
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Schematic diagram

Approvals

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EAC-RoHS	
Approval ID: RU D-DE.HB35.B.00387	

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Classifications

ECLASS

ECLASS-13.0	27060312

ETIM

ETIM 9.0	EC001855

UNSPSC

UNSPSC 21.0	31251500

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.0 Climate Change

CO2e kg	2.618 kg CO2e