PHŒNIX CONTACT

Sensor/actuator cable - SAC-2P-M 8MS/ 0,3-PUR/ZC-1L-S - 1453313

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Sensor/actuator cable, 2-position, PUR, gray RAL 7001, Plug straight M8, on Valve connector Festo KMYZ9, with 1 LED, cable length: 0.3 m

Your advantages

☑ Easy and safe: 100% electrically tested plug-in components

☑ Robust valve connector without protective circuit

☑ Connecting cable specially for Festo KMYZ9 type valves

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 551021
GTIN	4046356551021
Weight per Piece (excluding packing)	13.280 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length of cable	0.3 m
Central screw valve connector	M2

Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
	-10 °C ... 50 °C (valve plug)
Degree of protection	IP65
	IP67
	IP68

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Technical data

General

Rated current at 40°C	4 A
Rated voltage	24 V
	24 V DC
Number of positions	2
Insulation resistance	$\geq$ 100 MΩ
Coding	A - standard
Status display	1 LED
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	$\geq$ 100
Torque	0.2 Nm (M8 connectors)

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
Valve plug contact surface material	Sn
Material housing valve plug	PA
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Standards and Regulations

Flammability rating according to UL 94	HB

Cable

| Conductor cross section	2x 0.25 mm² (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

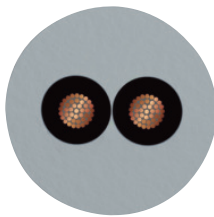| REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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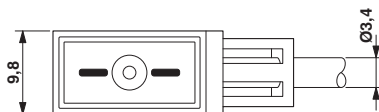
Drawings

Schematic diagram
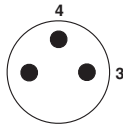
Schematic diagram
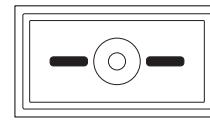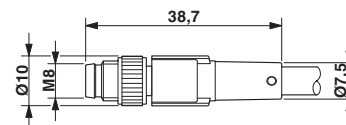
Cable cross section

PUR gray [PUR]

Dimensional drawing

28

18

16,4

12,2

30°

0,5

Dimensional drawing

9,8

Ø3,4

Dimensional drawing

38,7

Ø10

M8

Ø7,5
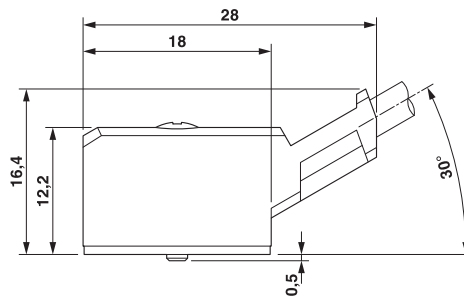
Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	RU C-DE.AI30.B.00767

Sensor/actuator cable - SAC-2P-M 8MS/ 0,3-PUR/ZC-1L-S - 1453313

Accessories

Accessories

Conductor marking

Insert label - PABA WH/15 - 1013151

Insert label, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 0.6 - 50 mm, lettering field size: 15 x 4 mm

Insert label - PABA YE/15 - 1013698

Insert label, Strip, yellow, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 0.6 - 50 mm, lettering field size: 15 x 4 mm

Insert label - PABA RD/15 - 1013944

Insert label, Strip, red, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 0.6 - 50 mm, lettering field size: 15 x 4 mm

Marker carrier cable

Conductor marker carrier - PATO 2/15 - 1013122

Conductor marker carrier, transparent, unlabeled, mounting type: clip on, cable diameter range: 2.8 - 4.4 mm, lettering field size: 4 x 15 mm

Conductor marker carrier - PATO 3/15 - 1013135

Conductor marker carrier, transparent, unlabeled, mounting type: clip on, cable diameter range: 4.4 - 6.7 mm, lettering field size: 4 x 15 mm

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Accessories

Conductor marker carrier - PATO 4/15 - 1013148

Conductor marker carrier, transparent, unlabeled, mounting type: clip on, cable diameter range: 6.7 - 10 mm, lettering field size: 4 x 15 mm

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Marker pen

Marker pen - B-STIFT - 1051993

Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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Protective cap

Sealing cap - PROT-M 8 FS-PA-CHAIN - 1430857

M8 sealing cap made of plastic with fixing band for sensor cables, for M8 plugs

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Screwdriver tools

Tool - SAC BIT M8-D10 - 1208461

Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 10 mm, for 4 mm hexagonal drive

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Torque tool

Torque screwdriver - TSD 02 SAC - 1208487

Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors

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