

Sensor/actuator cable - SAC-2P-M 8MS/ 5,0-PUR/ZC-1L-S - 1453355

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Sensor/actuator cable, 2-position, PUR, gray RAL 7001, Plug straight M8, on Valve connector Festo ZC, with 1 LED, cable length: 5 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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 550963
GTIN	4046356550963

Technical data

Dimensions

Length of cable	5 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

General

Rated current at 40°C	4 A
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
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
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Cable

Conductor cross section	2x 0.25 mm ² (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)

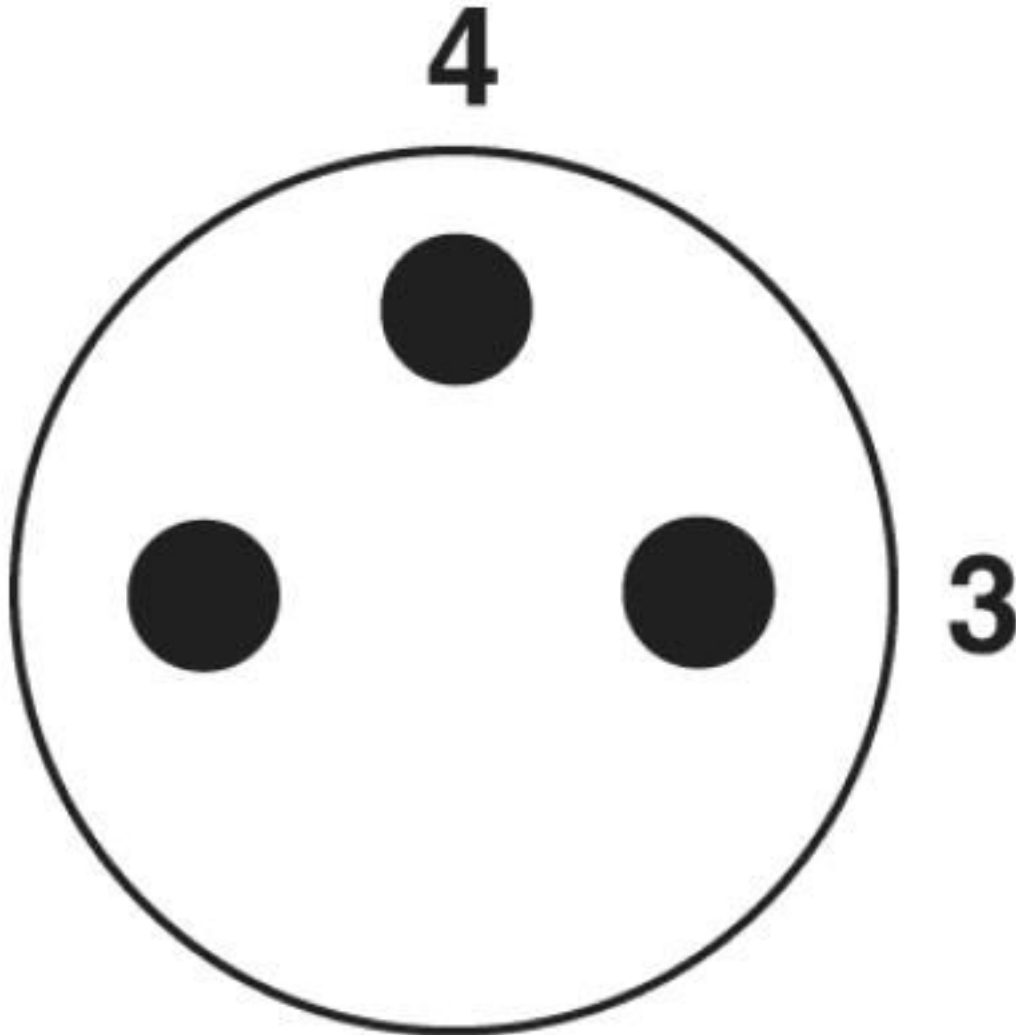
Environmental Product Compliance

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

Drawings

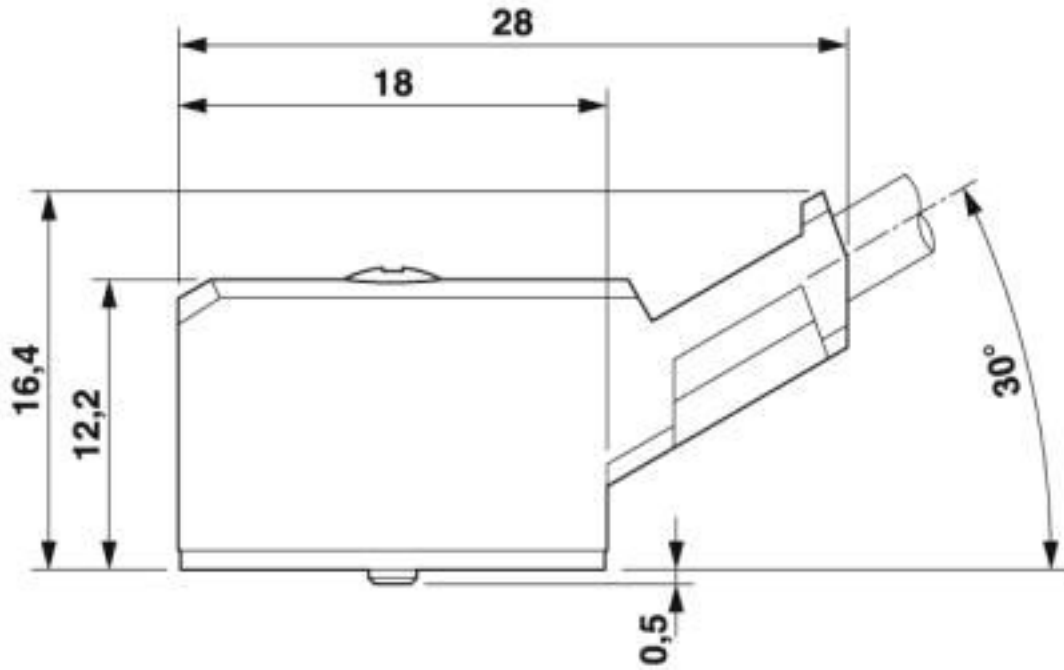
Sensor/actuator cable - SAC-2P-M 8MS/ 5,0-PUR/ZC-1L-S - 1453355

Schematic diagram

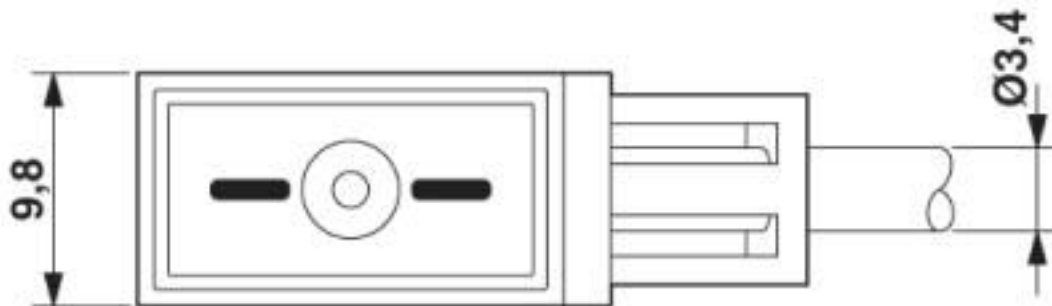


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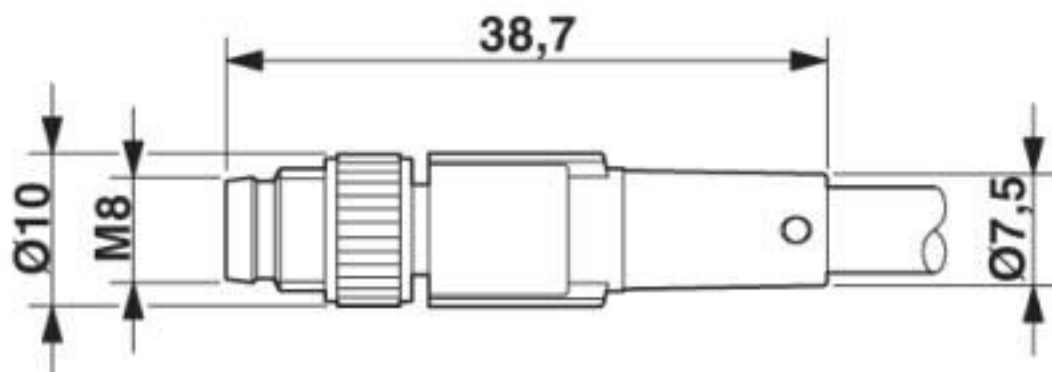
Dimensional drawing



Dimensional drawing

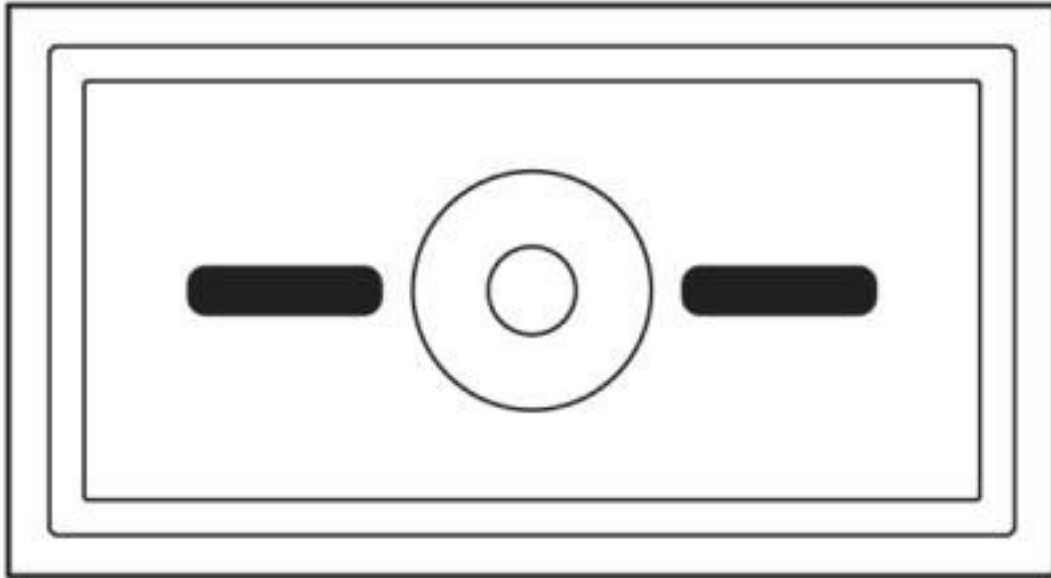


Dimensional drawing



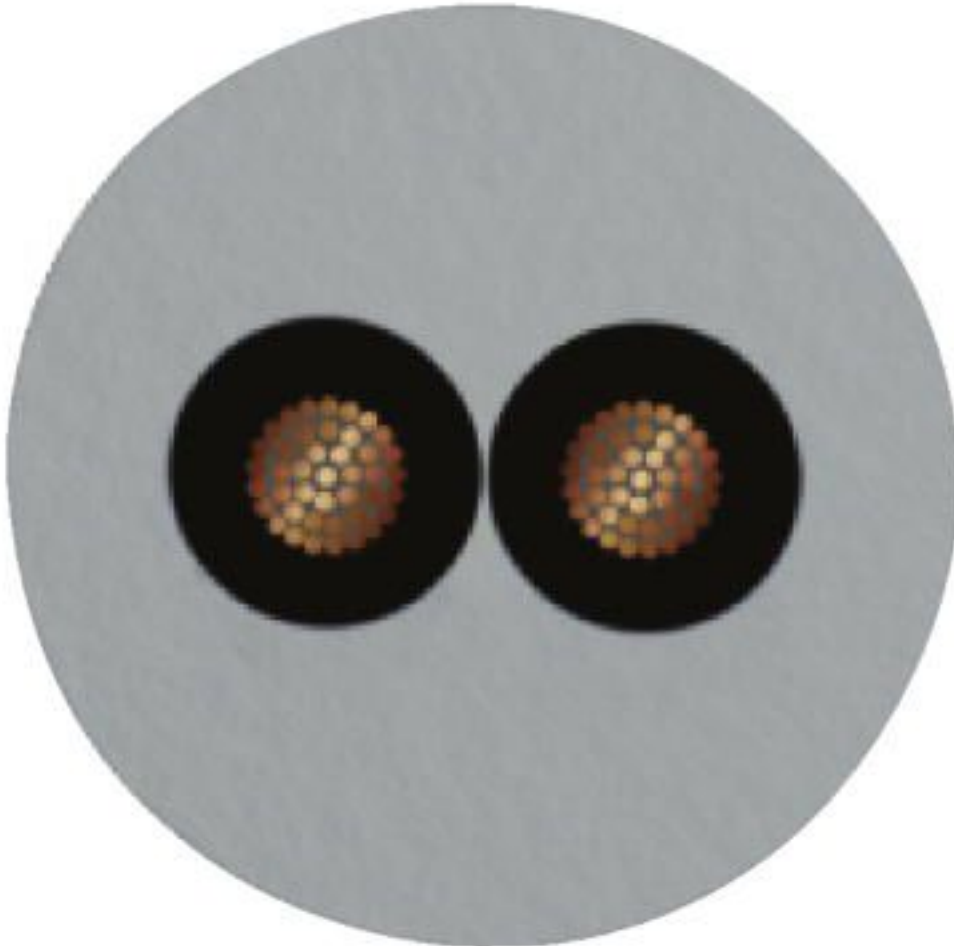
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Schematic diagram



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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	27060312

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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

Accessories

Accessories

Conductor marking

Insert label - PABA WH/23 - 1013779



Insert label, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 1.5 ... 35 mm, lettering field size: 23 x 4 mm, Number of individual labels: 20

Insert label - PABA YE/23 - 1013782



Insert label, Strip, yellow, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: thread on, cable diameter range: 1.5 ... 35 mm, lettering field size: 23 x 4 mm, Number of individual labels: 20

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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Accessories

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



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

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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