Sensor/actuator cable - SAC-2P-M 8MS/ 0,6-PUR/ZC-1L-S

1453326

https://www.phoenixcontact.com/pc/products/1453326

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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: 0.6 m

Your advantages

- Easy and safe: 100% electrically tested plug-in components
- Connecting cable specially for Festo KMYZ9 type valves

Commercial Data

Item number	1453326
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	BF1DWA
GTIN	4046356551038
Weight per Piece (including packing)	15.3 g
Weight per Piece (excluding packing)	14.55 g
Customs tariff number	85444290
Country of origin	PL

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Technical Data

Product properties

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

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Sealing 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

Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	24 V DC
Nominal current I_N	4 A
Protective circuit	Protective circuit and holding current reduction

Valve connector characteristics

Fixing screws	M2

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100

LED signaling

Status display	1 LED
Status display present	yes

Connector

Connection 1

Head design	Plug
Head cable outlet	straight
Head thread type	M8

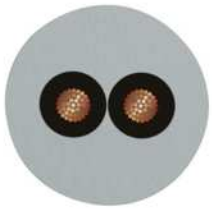
Connection 2

Head design	Valve connector
Head thread type	Festo ZC
Status indicator head	1 LED

Cable / line

Cable length	0.6 m

PUR gray [PUR]

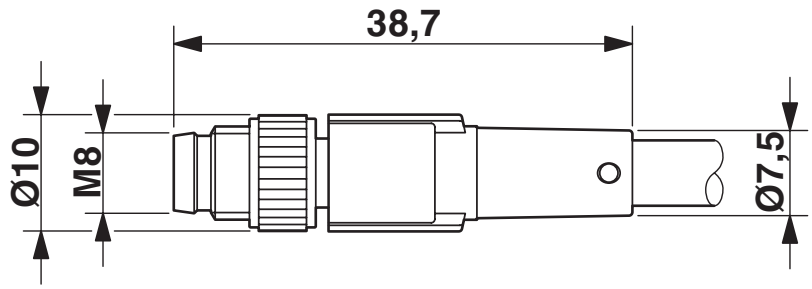
Dimensional drawing	
Number of positions	2
Shielded	no
Cable type	PUR gray [PUR]
AWG signal line	24
Conductor cross section	2x 0.25 mm² (Signal line)
External cable diameter	3.4 mm
Outer sheath, material	PUR
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires
Single wire, color	black, black
Ambient temperature (operation)	-10 °C ... 50 °C (cable, fixed installation)
	-10 °C ... 50 °C (Cable, flexible installation)

Ambient conditions

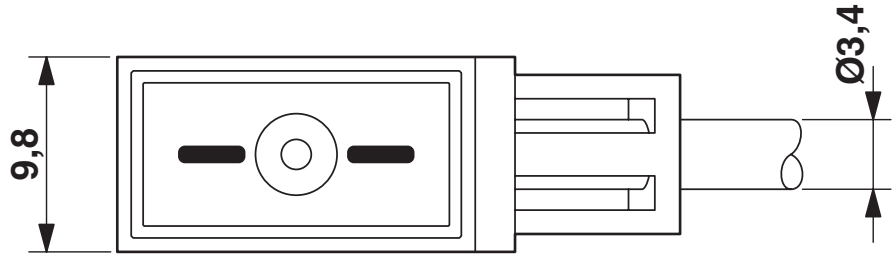
Degree of protection	IP65
	IP67
	IP68
Ambient temperature (operation)	-10 °C ... 50 °C (valve plug)
	-25 °C ... 90 °C (Plug / socket)

Drawings

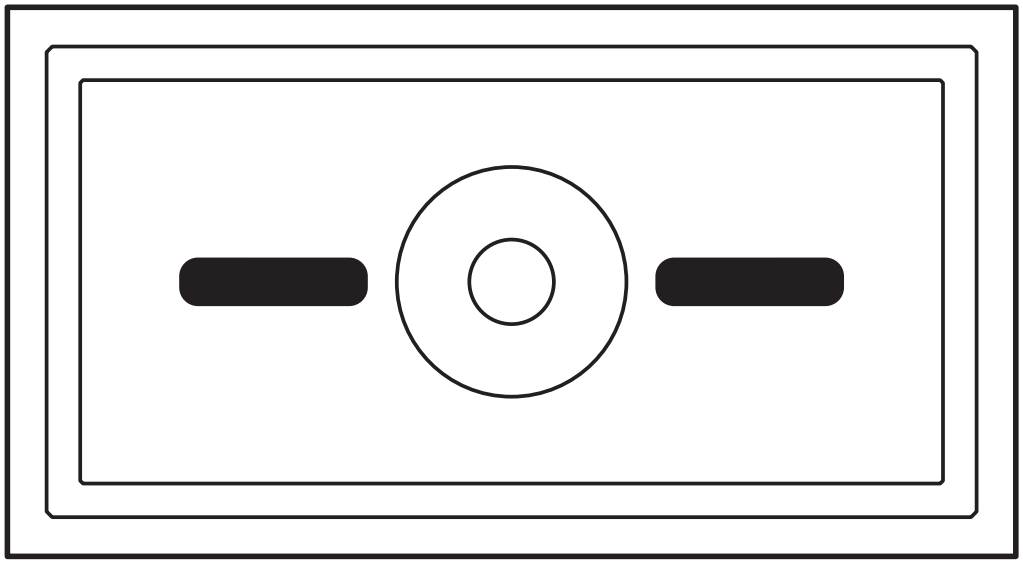
Dimensional drawing



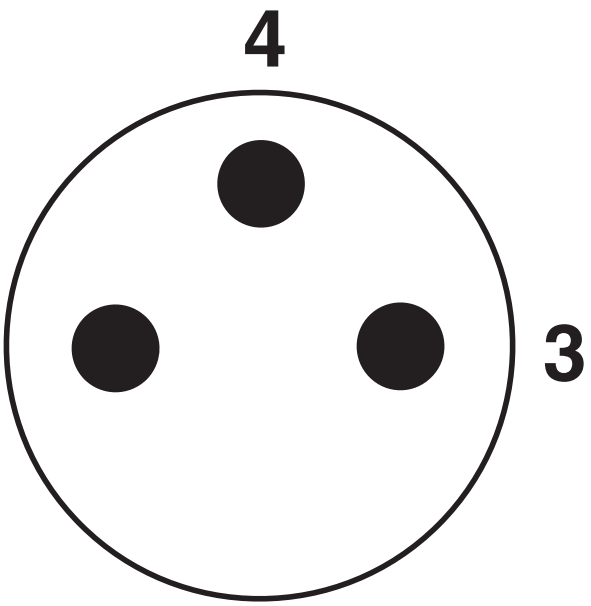
Dimensional drawing



Schematic diagram



Schematic diagram

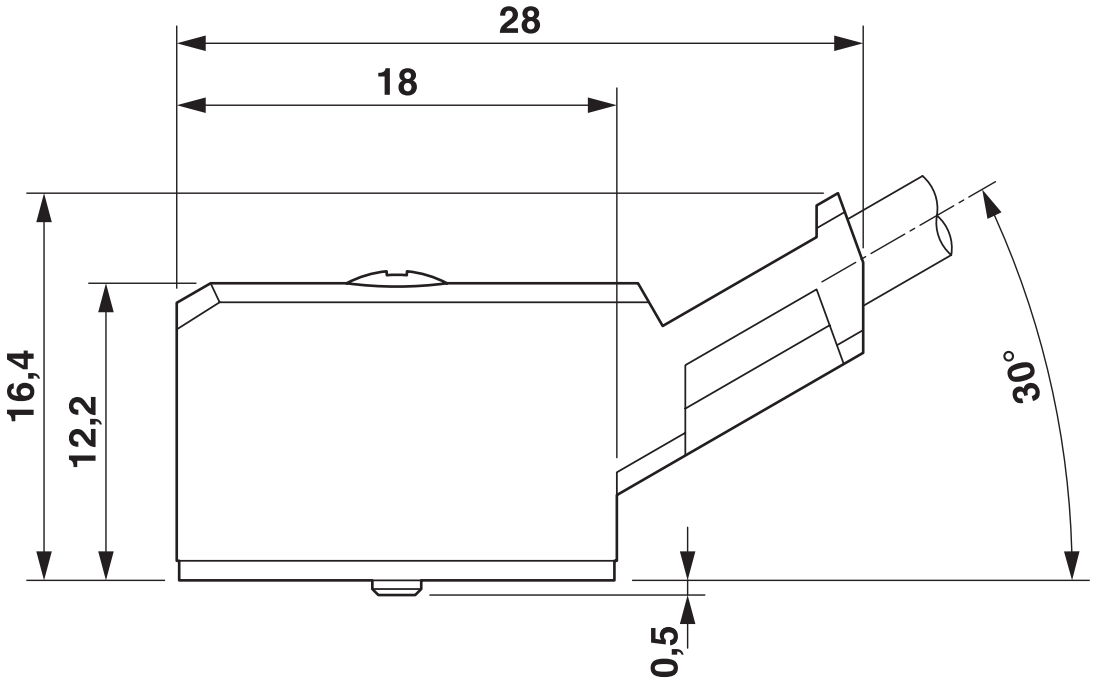


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Dimensional drawing



Approvals

EAC
Approval ID: RU C-DE.BL08.B.00286

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

Classifications

ECLASS

ECLASS-9.0	27060312
ECLASS-10.0.1	27060312
ECLASS-11.0	27060312

ETIM

ETIM 8.0	EC001855

UNSPSC

UNSPSC 21.0	31251500

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer’s declaration available under “Downloads”

Accessories

Sealing cap

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

https://www.phoenixcontact.com/pc/products/1430857

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



Insert label

Insert label - PABA WH/23 - 1013779

https://www.phoenixcontact.com/pc/products/1013779



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

Insert label

Insert label - PABA YE/23 - 1013782

https://www.phoenixcontact.com/pc/products/1013782



Insert label, Strip, yellow, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: slide-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

https://www.phoenixcontact.com/pc/products/1051993



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

Torque screwdriver

Torque screwdriver - TSD 02 SAC - 1208487

https://www.phoenixcontact.com/pc/products/1208487



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

Tool

Tool - SAC BIT M8-D10 - 1208461

https://www.phoenixcontact.com/pc/products/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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