

Sensor/actuator cable - SAC-3P-MS/ 3,0-PUR/KMYZ9 SCO - 1453290

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Sensor/actuator cable, 2-position, PUR, Gray RAL 7001, Plug straight M12 SPEEDCON, A-coded, on Valve connector Festo KMYZ9, with 1 LED, Cable length: 3 m

Why buy this product

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ Robust valve connector without protective circuit
- ✓ Save time, thanks to installation with SPEEDCON fast locking system
- ✓ Connecting cable specially for Festo KMYZ9 type valves



Key commercial data

Packing unit	1
GTIN	 4 046356 551007
Custom tariff number	85444290

Technical data

Dimensions

Length of cable	3 m
-----------------	-----

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
Rated voltage	24 V
Number of positions	2
Contact resistance	≤ 5 mΩ

Sensor/actuator cable - SAC-3P-MS/ 3,0-PUR/KMYZ9 SCO - 1453290

Technical data

General

Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	1 LED
Protective circuit/component	Unwired
Surge voltage category	II
Pollution degree	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)

Material

Inflammability class according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Valve plug contact material	CuSn
Material housing valve plug	PA
Sealing material	NBR

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)

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27279218

ETIM

ETIM 3.0	EC001855
----------	----------

Sensor/actuator cable - SAC-3P-MS/ 3,0-PUR/KMYZ9 SCO - 1453290

Classifications

ETIM

ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Accessories

Accessories

Conductor marking

Insert label - PABA WH/15 - 1013151



Insert label, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

Insert label - PABA YE/15 - 1013698



Insert label, Strip, yellow, unlabeled, can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

Insert label - PABA RD/15 - 1013944



Insert label, Strip, red, unlabeled, can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

Marker carrier cable

Sensor/actuator cable - SAC-3P-MS/ 3,0-PUR/KMYZ9 SCO - 1453290

Accessories

Conductor marker carrier - PATO 2/15 - 1013122



Conductor marker carrier, transparent, unlabeled, Mounting type: clip on, Cable diameter: 2.8-4.4 mm, Lettering field: 4 x 15 mm

Conductor marker carrier - PATO 3/15 - 1013135



Conductor marker carrier, transparent, unlabeled, Mounting type: clip on, Cable diameter: 4.4-6.7 mm, Lettering field: 4 x 15 mm

Conductor marker carrier - PATO 4/15 - 1013148



Conductor marker carrier, transparent, unlabeled, Mounting type: clip on, Cable diameter: 6.7-10 mm, Lettering field: 4 x 15 mm

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

Protective cap

Sealing cap - PROT-M12 FS-PA-CHAIN - 1430873



M12 sealing cap made of plastic with fixing band, for sensor cables, for free M12 sockets

Safety locking

Sensor/actuator cable - SAC-3P-MS/ 3,0-PUR/KMYZ9 SCO - 1453290

Accessories

Locking clip - SAC-M12-EXCLIP-M - 1558988



Screwdriver tools

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Tool - SAC BIT M12-D15 - 1208432



Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

Torque tool

Torque screwdriver - TSD 04 SAC - 1208429



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

Torque screwdriver - TSD-M 1,2NM - 1212224

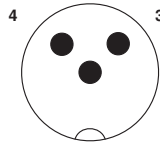


Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

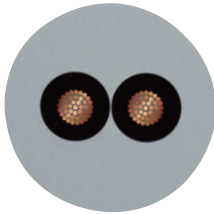
Drawings

Sensor/actuator cable - SAC-3P-MS/ 3,0-PUR/KMYZ9 SCO - 1453290

Schematic diagram

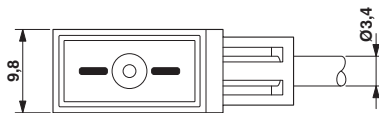


Cable cross section

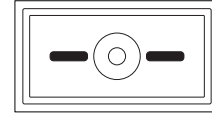


PUR gray [PUR]

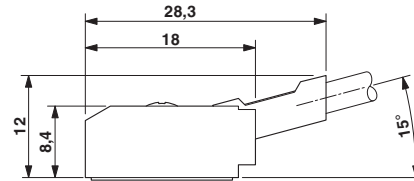
Dimensioned drawing



Schematic diagram



Dimensioned drawing



Dimensioned drawing

