

Sensor/actuator cable - SAC-4P-M 5FS/ 0,5-PUR/M 5FS - 1414438

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, 4-position, PUR, black RAL 9005, Socket straight M5, A-coded, on Socket straight M5, A-coded, cable length: 0.55 m

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
GTIN	 4 055626 028606
GTIN	4055626028606

Technical data

Dimensions

Length of cable	0.55 m
-----------------	--------

Ambient conditions

Ambient temperature (operation)	-25 °C ... 80 °C (Plug / socket)
---------------------------------	----------------------------------

General

Rated current at 40°C	1 A
Rated voltage	48 V AC
	60 V DC
Number of positions	4
Coding	A - standard
Standards/regulations	M5 connector IEC 61076-2-105
Status display	No
Protective circuit/component	unwired
Overvoltage category	II
Degree of pollution	3

Material

Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR
Material of grip body	PUR
Material, knurls	Nickel-plated brass

Sensor/actuator cable - SAC-4P-M 5FS/ 0,5-PUR/M 5FS - 1414438

Technical data

Material

Sealing material	NBR
------------------	-----

Standards and Regulations

Standard designation	M5 connector
Standards/regulations	IEC 61076-2-105

Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	350
Conductor cross section	4x 0.14 mm ² (Signal line)
AWG signal line	26
Conductor structure signal line	18x 0.10 mm
Core diameter including insulation	0.92 mm ±0.02 mm
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
External sheath, color	black RAL 9005
External cable diameter D	3.5 mm ±0.1 mm
Smallest bending radius, fixed installation	9 mm
Smallest bending radius, movable installation	18 mm
Outer sheath, material	PUR
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	100 MΩ*km
Conductor resistance	148 Ω/km
Nominal voltage, cable	100 V
Test voltage, cable	800 V _{rms}
Ambient temperature (operation)	-15 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

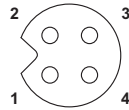
Environmental Product Compliance

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

Drawings

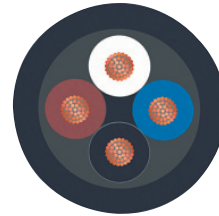
Sensor/actuator cable - SAC-4P-M 5FS/ 0,5-PUR/M 5FS - 1414438

Schematic diagram



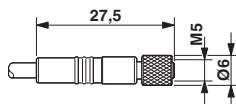
Socket M5, 4-pos.

Cable cross section



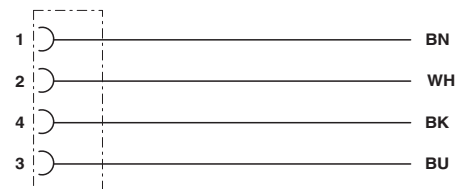
PUR/PVC black [350]

Dimensional drawing



Socket M5 x 0.5, straight

Circuit diagram



Contact assignment of the M5 socket

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

1414438