

## INDUSTRIAL COMPONENT DATA

# SAC-6P-M 8MS/10,0-PUR 1522121 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-M 8MS/10,0-PUR



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-6P-M 8MS/10,0-PUR      |
| Catalog number  | 1522121                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-438AE451BA              |
| Generated       | 2026-08-01                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 6-pole halogen-free, M8 straight connector, coding: A, to free cable end, cable length: 10 m

Sensor/actuator cable, 6-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, coding: A, on free cable end, cable length: 10 m

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path PHOENIX CONTACT &gt; Industrial Field Connectivity (IFC)

### Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable

Application Standard

Number of positions 6

No. of cable outlets 1

Shielded no

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuZn

Contact surface material Ni/Au  
Contact carrier material TPU GF  
Material for screw connection Zinc die-cast, nickel-plated  
Electrical propertiesInsulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 30 V AC  
30 V DC  
Nominal current IN 1.5 A  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
SignalingStatus display no  
Status display present No  
Connection dataConductor connection  
Tightening torque 0.2 Nm (M8 connectors)  
ConnectorConnection 1  
Type Plug straight M8  
Number of positions 6  
Coding type A  
Connection 2  
Type free cable end  
Cable/lineCable length 10 m  
PUR halogen-free black [PUR]  
Dimensional drawing  
Cable weight 34 kg/km  
Number of positions 6  
Shielded no  
Cable type PUR halogen-free black [PUR]  
Conductor structure signal line 32x 0.10 mm  
AWG signal line 24  
Conductor cross section 6x 0.25 mm<sup>2</sup> (Signal line)  
Wire diameter incl. insulation 1.17 mm  $\pm 0.02 \text{ mm}$   
External cable diameter 5 mm  
5.00 mm  $\pm 0.15 \text{ mm}$   
Outer sheath, material PUR  
External sheath, color black-gray RAL 7021  
Conductor material Bare Cu litz wires  
Material, filler PE  
Material wire insulation PP  
Single wire, color brown, white, bl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-M 8MS/10,0-PUR with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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