

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	2026-08-03

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 > 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 ≥ 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 $6 \times 0.25 \text{ mm}^2$ (Signal line)
Wire diameter incl. insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$
External cable diameter 5 mm
 $5.00 \text{ mm} \pm 0.15 \text{ mm}$
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 or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.