

INDUSTRIAL COMPONENT DATA

SAC-8P-M 8MS/ 5,0-PUR 1404181 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M 8MS/ 5,0-PUR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M 8MS/ 5,0-PUR
Catalog number	1404181
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-23D17C0C10
Generated	2026-08-01

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 8-pole halogen-free, M8 straight connector, coding: A, to free cable end, cable length: 5 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

Key Commercial Data

Orderkey 1404181

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 213 (C-2-2017)

GTIN 4046356680943

Weight per Piece (excluding packing) 159.400 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 1.5 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding A - standard

Standards/regulations M8 connector IEC 61076-2-104

Status display No

Protective circuit/component unwired

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Torque 0.2 Nm (M8 connectors)

Material

Flammability rating according to UL 94 HB

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

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

Material, knurls Zinc die-cast, nickel-plated

Standards and Regulations

Standard designation M8 connector

Standards/regulations IEC 61076-2-104

Flammability rating according to UL 94 HB

Cable

Cable abbreviation Li9Y11Y

UL AWM style 20549

Conductor cross section $8 \times 0.14 \text{ mm}^2$ (Signal line)

AWG signal line 26

Conductor structure signal line $18 \times 0.10 \text{ mm}$

Core diameter including insulation $1 \text{ mm} \pm 0.02 \text{ mm}$ (Signal line)

Thickness, insulation $\geq 0.21 \text{ mm}$ (Signal line)

$\geq 0.38 \text{ mm}$ (Outer cable sheath)

Wire colors white, brown, green, yellow, gray, pink, blue, red

Overall twi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M 8MS/ 5,0-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.