

INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/ 5,0-PUR/M12FS 1529166 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/ 5,0-PUR/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/ 5,0-PUR/M12FS
Catalog number	1529166
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-2E77702CAB
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, 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 1529166

Packing unit 1 pc

GTIN 4017918989347

Weight per Piece (excluding packing) 223.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 5 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

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

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Torque 0.4 Nm (M12 connector)

Material

Flammability rating according to UL 94 HB

Contact material CuZn

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

Sealing material NBR

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y

UL AWM style 20549 / 10493 (80°C/300 V)

Conductor cross section $8 \times 0.25 \text{ mm}^2$

AWG signal line 24

Conductor structure signal line $32 \times 0.10 \text{ mm}$ Core diameter including insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$ Thickness, insulation $\geq 0.21 \text{ mm}$

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

Overall twist 8 wires around filler to the core

External sheath, color black-gray RAL 7021

Outer sheath thickness approx. 0.8 mm

External cable diameter $D 5.9 \text{ mm} \pm 0.15 \text{ mm}$ Minimum bending radius, fixed installation $8 \times D$

Minimum bending radius, flexible...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/ 5,0-PUR/M12FS 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.