

INDUSTRIAL COMPONENT DATA

SAC-5P-MS/ 1,0-186/FS SCO 1518423 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-MS/ 1,0-186/FS SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-MS/ 1,0-186/FS SCO
Catalog number	1518423
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-F7CCA11696
Generated	2026-08-01

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, PUR, grayish black RAL 7021, M12 SPEEDCON straight male connector, coding: A, to M12 SPEEDCON straight connection female, coding: A, cable length: 1 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 1518423

Packing unit 1 pc

Catalog page Page 221 (C-6-2017)

GTIN 4017918968540

Weight per Piece (excluding packing) 90.800 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 1 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 5

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

Coding A - standard

Status display No

Protective circuit/component unwired

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

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

Sealing material NBR

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type PUR POWER 0.75 mm² black

Cable type (abbreviation) 186

Cable abbreviation LiY11Y

Conductor cross section 5x 0.75 mm² (power line)

AWG signal line 18

Conductor structure signal line 42x 0.15 mm

Core diameter including insulation 1.7 mm $\pm 0.05 \text{ mm}$

Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)

$\geq 0.76 \text{ mm}$ (Outer cable sheath)

Wire colors Brown, white, blue, black, gray

Overall twist 5 wires around filler to the core

External sheath, color black-gray RAL 7021

External cable diameter D 6.3 mm $\pm 0.2 \text{ mm}$

Smallest...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-MS/ 1,0-186/FS SCO 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.