

INDUSTRIAL COMPONENT DATA

SAC-5P-MS/ 2,0-186/FS SCO 1518436 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-MS/ 2,0-186/FS SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-MS/ 2,0-186/FS SCO
Catalog number	1518436
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-6F9C40A87B
Generated	2026-08-03

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: 2 m

Sensor/actuator cable, 5-position, PUR, black-gray RAL 7021, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A, cable length: 2 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 5

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

Seal material NBR

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

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material for screw connection Zinc die-cast, nickel-plated

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

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Mechanical properties Mechanical data

Insertion/withdrawal cycles ≥ 100

Signaling Status display no

Status display present No

Connector Connection 1

Type Plug straight M12 SPEEDCON

Number of positions 5

Locking type SPEEDCON

Coding type A

Connection 2

Type Socket straight M12 SPEEDCON

Number of positions 5

Locking type SPEEDCON

Coding type A

Cable/line Cable length 2 m

PUR POWER 0.75 mm² black [186]

Dimensional drawing

Cable weight 67 kg/km

Number of positions 5

Shielded no

Cable type PUR POWER 0.75 mm² black [186]

Conductor structure signal line 42x 0.15 mm

AWG signal line 18

Conductor cross section 5x 0.75 mm² (power line)

Wire diameter incl. insulation 1.7 mm $\pm 0.05 \text{ mm}$

External cable diameter 6.30 mm $\pm 0.2 \text{ mm}$

Outer sheath, material PUR

External sheath, color black-gray RAL 7021

Conductor material Bare Cu litz wires

Material wire insulation PVC

Single wire, col...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-MS/ 2,0-186/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.