

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MR/0,25PVC/8PFRVA IT 1409683 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MR/0,25PVC/8PFRVA IT



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MR/0,25PVC/8PFRVA IT
Catalog number	1409683
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-FC5C04F335
Generated	2026-08-04

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, PVC, black RAL 9005, Angled male connector M12, coding: A, to Elbowed connection female M12, coding: A, cable length: 0.25 m, Female connector M12, 8 poles

Sensor/actuator cable, 4-pole, PVC, black RAL 9005, M12 angled male connector, encoding: A, on M12 angled female connector, encoding: A, cable length: 0.25 m, M12 female connector, 8-pin

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 1409683

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356871761

Weight per Piece (excluding packing) 28.300 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 0.25 m

Ambient conditions

Degree of protection IP65

IP67

IP68

IP69K

General

Rated current at 40°C 4 A

Rated voltage 30 V AC

30 V DC

Number of positions 4

Insulation resistance $\geq 10\text{ M}\Omega$

Coding A - standard

Status display No

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 Stainless steel

Sealing material NBR

Standards and Regulations

Flame resistance As per UL-Style 2464

Flammability rating according to UL 94 HB

Cable

Cable type PVC black

Cable type (abbreviation) PVC

Cable abbreviation LiYY

Conductor cross section $4 \times 0.25\text{ mm}^2$ (Signal line)

AWG signal line 24

Conductor structure signal line $14 \times 0.15\text{ mm}$

Core diameter including insulation $1.17\text{ mm} \pm 0.05\text{ mm}$

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

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

Wire colors brown, white, blue, black

Overall twist 4 wires, twisted

External sheath, color black RAL 9005

External cable diameter $D\ 4.4\text{ mm} \pm 0.15\text{ mm}$

Cable weight 33 kg/km

Outer sheath, material PVC

Material conductor insulation PVC

Cond...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MR/0,25PVC/8PFRVA IT 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.