

INDUSTRIAL COMPONENT DATA

SAC-12P-MS/ 6,5-PVC SCO 1408576 PHOENIX CONTACT

Sensor/actuator cable SAC-12P-MS/ 6,5-PVC SCO 1408576

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-12P-MS/ 6,5-PVC SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-12P-MS/ 6,5-PVC SCO
Catalog number	1408576
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-47A0B7326E
Generated	2026-08-04

Product Overview

Sensor/actuator cable - SAC-12P-MS/ 6,5-PVC SCO - 1408576

Sensor/actuator cable, 12-pole, PVC, black RAL 9005, M12 SPEEDCON straight male connector, coding: A-coded, to free cable end, cable length: 6.5 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

Sensor/actuator cable, 12-position, PVC, black RAL 9005, Plug straight M12 SPEEDCON, A-coded, on free cable end, cable length: 6.5 m

Key Commercial Data

Orderkey 1408576

Packing unit 1

GTIN 4046356831383

Custom tariff number 85444290

Dimensions

Length of cable 6.5 m

Cable diameter 5.9 mm

Stripping length of the free conductor end 35 mm

Ambient conditions

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 12

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

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Status display No

Overvoltage category II

Degree of pollution 3

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

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Flammability rating according to UL 94 HB

Cable

Conductor cross section $12 \times 0.14 \text{ mm}^2$ (Signal line)

AWG signal line 26

Conductor structure signal line $18 \times 0.10 \text{ mm}$ Core diameter including insulation $1 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)

Wire colors White-brown, green-yellow, gray-pink, blue-red, black-violet, gray/pink-red/blue

Overall twist 12 wires twisted in layers

External sheath, color black RAL 9005

External cable diameter D 5.8 mm

Smallest bending radius, fixed installation 29 mm

Smallest bending radius,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-12P-MS/ 6,5-PVC 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.