INDUSTRIAL COMPONENT DATA

SAC-12P-MS/4,0-PVC/FR SCO 1532701 PHOENIX CONTACT Sensor/actuator cable, 12-pole, PVC, black RAL 9005, Strai..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-12P-MS/4,0-PVC/FR SCO

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-12P-MS/4,0-PVC/FR SCO
Catalog number	1532701
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-AA6171E3E6
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 12-pole, PVC, black RAL 9005, Straight M12 SPEEDCON connector, coding: A, to Female angled SPEEDCON
Cable for sensors/actuators
Sensor/actuator cable, 12-position, Plug straight M12 SPEEDCON, coding: A, connected with unwired, on Socket angled SPEEDCON

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
Number of positions 12
Application Standard
No. of cable outlets 1
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuZn

Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesNominal voltage UN 30 V AC
30 V DC
Nominal current IN 1.5 A
Protective circuit unwired
SignalingStatus display No
Status display present No
ConnectorConnection 1
Type Plug straight M12 SPEEDCON
Number of positions 12
Locking type SPEEDCON
Coding type A
Connection 2
Type Socket angled SPEEDCON
Number of positions 12
Locking type SPEEDCON
Cable/linePVC black [PVC]
Dimensional drawing
Shielded no
Cable type PVC black
Cable type (abbreviation) PVC
External cable diameter 5.8 mm
Outer sheath, material PVC
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Conductor structure signal line 18x 0.10 mm
AWG signal line 26
Conductor cross section 12x 0.14 mm² (Signal line)
Material wire insulation PVC
Wire diameter incl. insulation 1 mm ±0.05 mm (Signal line)
Single wire, color white-brown, green-yellow, gray-pink, blue-red, black-violet, gray/pink-red/blue
Overall twist 12 wires twisted in layers
Nominal voltage, cable 250 V
Test voltage Core/Core 1500 V AC....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-12P-MS/4,0-PVC/FR 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

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