INDUSTRIAL COMPONENT DATA

SAC-12P-MS/2,0-PUR SCO 1528431 PHOENIX CONTACT Sensor/actuator cable, 12-pole, M12 SPEEDCON straight connect..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-12P-MS/2,0-PUR SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-12P-MS/2,0-PUR SCO
Catalog number	1528431
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-44C10A27E2
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 12-pole, M12 SPEEDCON straight connector, coding: A, to free cable end, cable length: 2 m
Cable for sensors/actuators
Sensor/actuator cable, 12-position halogen-free, Plug straight M12 SPEEDCON, coding: A, connected with unwired, on free cable end, 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
Number of positions 12
Application Standard
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 V0

Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material PA 6.6
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal 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 free cable end
Cable/lineCable length 2 m
PUR halogen-free black [PUR]
Dimensional drawing
Shielded no
Cable weight 17 kg/km
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
External cable diameter 7.2 mm
Outer sheath, material PUR
External sheath, color black RAL 9005
Conductor material Tin-plated 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 PP
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 twi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-12P-MS/2,0-PUR 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.