INDUSTRIAL COMPONENT DATA

SAC-MS/0,3-PVC/BI-1L BK SCO180 1416163 PHOENIX CONTACT Sensor/actuator cable SAC-MS/0,3-PVC/BI-1L BK SCO180 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-MS/0,3-PVC/BI-1L BK SCO180



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-MS/0,3-PVC/BI-1L BK SCO180
Catalog number	1416163
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-DFCAC237EC
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-MS/0,3-PVC/BI-1L BK SCO180 - 1416163
Sensor/Actuator Cable, 3-Pole, M12 Straight Connector, Coding: A SPEEDCON, with 1 LED, to BI Valve Connectors (11mm), with 1 LED, Cable Length: 0.3 m
Sensor/actuator cable, 3-pole, PVC, black RAL 9005, M12 SPEEDCON straight connector, coding: A, with 1 LED, to BI valve connectors (11 mm), with 1 LED, cable length: 0.3 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, 3-position, PVC, black RAL 9005, Plug straight M12 SPEEDCON, A-coded, on Valve connector BI (11 mm), with 1 LED, cable length: 0.3 m
Key Commercial Data
Orderkey 1416163
Packing unit 1
GTIN 4055626064116
Custom tariff number 85444290
Dimensions
Length of cable 0.3 m

General
Rated current at 40°C 4 A
Rated voltage 24 V AC
24 V DC
Number of positions 3
Insulation resistance >= 100 M?
Coding A - standard
Status display 1 LED
Overvoltage category III
Degree of pollution 3
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
Valve plug contact material CuSn
Valve plug contact surface material Sn
Valve plug contact insert material PA 6.6
Material housing valve plug TPU
Material, knurls Zinc die-cast, nickel-plated
Sealing material TPU (Seal molded)
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PVC black
Cable type (abbreviation) PVC
Cable abbreviation LiYY
UL AWM style 2464
Conductor cross section 3x 0.5 mm²
AWG signal line 20
Conductor structure signal line 16x 0.20 mm
Core diameter including insulation 1.5 mm ±0.05 mm
Wire colors black 1, black 2, green/yellow
Overall twist 3 wires, twisted
External sheath, color black RAL 9005
External cable diameter D 4.8 mm ±0.2 mm
Minimum bending radius, fixed installation 5 x D
Outer sheath, material PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wire...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-MS/0,3-PVC/BI-1L BK SCO180 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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