INDUSTRIAL COMPONENT DATA

SAC-3P-MS/ 1,2-240/BI SCO 1409764 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-MS/ 1,2-240/BI SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-MS/ 1,2-240/BI SCO
Catalog number	1409764
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-5012E78411
Generated	2026-11-18

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 3-pole halogen-free, M12 straight connector, coding: A SPEEDCON, a BI valve connectors (11mm), cable length: 1.2 m
Sensor/actuator cable, 3-position, PUR halogen-free, yellow, Plug straight M12 SPEEDCON, coding: A, on Valve connector BI (11 mm), cable length: 1.2 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 with valve connector
Application Standard
Number of positions 3
No. of cable outlets 1
Shielded no
Coding A
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material TPU

Material housing valve plug TPU
Material of grip body TPU
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Contact material CuSn
Valve plug contact insert material PA 6.6
Contact surface material Sn
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100 (M12 connector)
ConnectorConnection 1
Type Plug straight M12 SPEEDCON
Number of positions 3
Locking type SPEEDCON
Coding type A
Connection 2
Type Valve connector BI (11 mm)
Number of positions 3
Material CuSn (Contact)
Sn (Contact surface)
PA 6.6 (Contact carriers)
TPU (Housing)
Cable/lineCable length 1.2 m
PUR halogen-free yellow [240]
Dimensional drawing
Cable weight 30 kg/km
UL AWM Style 20549 (80°C/300 V)
Number of positions 3
Shielded no
Cable type PUR halogen-free yellow [240]
Conductor structure signal line 28x 0.15 mm
AWG signal line 20
Conductor cross section 3x 0.5 mm²
Wire diameter incl. insulation 1.46 mm ±0.02 mm
External cable diameter 4.50 mm ±0.15 mm
Outer sheath, mat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-MS/ 1,2-240/BI 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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