INDUSTRIAL COMPONENT DATA

SAC-3P-MR/7,5-PUR/BI-1L-Z SCO 1438901 PHOENIX CONTACT Cable for sensors/actuators SAC-3P-MR/7,5-PUR/BI-1L-Z ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-MR/7,5-PUR/BI-1L-Z SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-MR/7,5-PUR/BI-1L-Z SCO
Catalog number	1438901
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-9353C18097
Generated	2026-11-19

Product Overview

Cable for sensors/actuators - SAC-3P-MR/7,5-PUR/BI-1L-Z SCO - 1438901
Sensor/actuator cable, 3-pole halogen-free, M12 angled connector, coding: A SPEEDCON, with 1 LED, connected with Diode Z, to BI valve connectors (11mm), with 1 LED, connected with Diode Z, cable length: 7.5 m
Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12 SPEEDCON, coding: A, with 1 LED, on Valve connector BI (11 mm), with 1 LED, Wiring: Z diode, cable length: 7.5 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

Technical dataProduct propertiesProduct type Sensor/actuator cable with valve connector
Number of positions 3
No. of cable outlets 1
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 24 V AC
24 V DC
Nominal current IN 4 A
SignalingStatus display 1 LED
Status display present Yes
ConnectorConnection 1
Type Plug angled 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 7.5 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 30 kg/km
UL AWM Style 20549
Number of positions 3
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 28x 0.15 mm
AWG signal line 20
Conductor cross section 3x 0.5 mm²
Wire diameter incl. insulation 1.5 mm ±0.05 mm (Signal line)
External cable diameter 4.50 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor mater...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-MR/7,5-PUR/BI-1L-Z SCO with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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