INDUSTRIAL COMPONENT DATA

SAC-3P-10,0-PVC/M12FR 1453821 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-10,0-PVC/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-10,0-PVC/M12FR
Catalog number	1453821
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-AC58C27C75
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 3-pole, PVC, black RAL 9005, free cable end, to Elbow connection female M12, coding: A, cable length: 10 m
Sensor/actuator cable, 3-position, PVC, black RAL 9005, free cable end, on Socket angled M12, coding: A, cable length: 10 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
Application Standard
Number of positions 3
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 HB
Seal material NBR

Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
Connection dataConductor connection
Tightening torque 0.4 Nm
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12
Number of positions 3
Coding type A
Cable/lineCable length 10 m
PVC black [PVC]
Dimensional drawing
Cable weight 40 kg/km
UL AWM Style 2464 / 1729 (80°C/300 V)
Number of positions 3
Shielded no
Cable type PVC black [PVC]
Conductor structure signal line 19x 0.15 mm
AWG signal line 22
Conductor cross section 3x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.26 mm ±0.05 mm
External cable diameter 4.30 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color brown, blue, black
Thickness, i...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-10,0-PVC/M12FR 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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