INDUSTRIAL COMPONENT DATA

SAC-3P- 3,0-PUR/M12FR BK 1584400 PHOENIX CONTACT Sensor/Actuator Cable, 3-pole, free cable end, to Elbow Fem..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-3,0-PUR/M12FR BK
Catalog number	1584400
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-09F02BBCE3
Generated	2026-11-19

Product Overview

Sensor/Actuator Cable, 3-pole, free cable end, to Elbow Female M12, coding: A, cable length: 3 m
Cable for sensors/actuators
Sensor/actuator cable, 3-position halogen-free, free cable end, on Socket angled M12, coding: A, cable length: 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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 3
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 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 propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
Protective circuit unwired
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display No
Status display present No
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12
Number of positions 3
Coding type A
Cable/lineCable length 3 m
PUR halogen-free black [PUR]
Dimensional drawing
Shielded no
UL AWM Style 20549
Cable weight 23 kg/km
Cable type PUR halogen-free black
Short symbol Li9Y11Y
Cable type (abbreviation) PUR
External cable diameter 3.85 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 3x 0.34 mm² (Signal line)
Material wire insulation PP
Thickness, insulation >= 0.21 mm (Core insulation)
Wire diameter incl. in...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-3,0-PUR/M12FR BK 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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