INDUSTRIAL COMPONENT DATA

SAC-5P-M12MR/3,0-PUR BK 1584375 PHOENIX CONTACT Sensor/actuator cable, 5-pole, M12 angled connector, coding:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MR/3,0-PUR BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MR/3,0-PUR BK
Catalog number	1584375
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-DF40071C23
Generated	2026-11-18

Product Overview

Sensor/actuator cable, 5-pole, M12 angled connector, coding: A, to free cable end, cable length: 3 m
Cable for sensors/actuators
Sensor/actuator cable, 5-position, Plug angled M12, coding: A, on free cable end, 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 5
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 48 V AC
60 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 Plug angled M12
Number of positions 5
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 3 m
PUR halogen-free black [PUR]
Dimensional drawing
Shielded no
UL AWM Style 20549
Cable weight 33 kg/km
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
External cable diameter 4.55 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 5x 0.34 mm² (Signal line)
Material wire insulation PP
Thickness, insulation approx. 0.5 mm
Wire diameter incl. insulation 1.27 mm 0.05 mm (Signal line)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MR/3,0-PUR 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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