

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MR/5,0-PUR BK 1584238 PHOENIX CONTACT

Sensor/actuator cable, 5-pole, M12 angled connector, coding:..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MR/5,0-PUR BK
Catalog number	1584238
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-21A465E86D
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Product Overview

Sensor/actuator cable, 5-pole, M12 angled connector, coding: A, to free cable end, cable length: 5 m

Cable for sensors/actuators

Sensor/actuator cable, 5-position, Plug angled M12, coding: A, on free cable end, cable length: 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)
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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 $\leq 5 \text{ m}\Omega$

Insulation resistance $\geq 100 \text{ M}\Omega$

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 5 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 $\pm 0.15 \text{ mm}$

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/5,0-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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