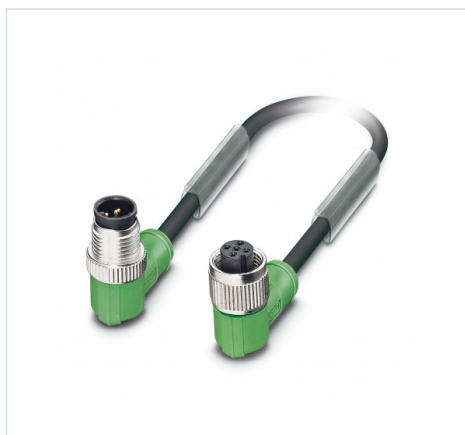


INDUSTRIAL COMPONENT DATA

SAC-5P-M12MRB/0,5-PUR/M12FRB 1404833 PHOENIX CONTACT Sensor/actuator cable, 5-pos., PUR, halogen free, black..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MRB/0,5-PUR/M12FRB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MRB/0,5-PUR/M12FRB
Catalog number	1404833
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-5477EBA626
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 5-pos., PUR, halogen free, black-gray RAL 7021, angled M12 plug, B-coded, to angled M12 socket, B-coded, cable length: 0.5 m

Sensor/actuator cable, 5 poles, halogen-free PUR, greyish black RAL 7021, angled male connector M12, codif. B, to female of elbow connection M12, codif. B, Cable Length: 0.5m

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

No. of cable outlets 1

Shielded no

Coding B

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

Outer sheath, material PUR

Conductor material Bare Cu litz wires

Electrical propertiesInsulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Max. conductor resistance $58 \text{ m}\Omega/\text{m}$

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

Max. bending cycles 4000000

SignalingStatus display no

Status display present No

ConnectorConnection 1

Type Plug angled M12

Number of positions 5

Coding type B

Connection 2

Type Socket angled M12

Number of positions 5

Coding type B

Cable/lineCable length 0.5 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 33 kg/km

UL AWM Style 20549

Number of positions 5

Shielded no

Cable type PUR halogen-free black [PUR]

Conductor structure signal line 42x 0.10 mm

AWG signal line 22

Conductor cross section $5 \times 0.34 \text{ mm}^2$ (Signal line)

Wire diameter incl. insulation 1.27 mm 0.05 mm (Signal line)

External cable diameter 4.55 mm $\pm 0.15 \text{ mm}$

Outer sheath, material PUR

External sheath, color black-gray RAL 7021

Conductor m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MRB/0,5-PUR/M12FRB 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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