

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/6,8-PUR/M12FS VA 1077153 PHOENIX

CONTACT Sensor/actuator cable

SAC-5P-M12MS/6,8-PUR/M12FS VA 10..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/6,8-PUR/M12FS VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/6,8-PUR/M12FS VA
Catalog number	1077153
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
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Product Overview

Sensor/actuator cable - SAC-5P-M12MS/6,8-PUR/M12FS VA - 1077153

Sensor/actuator cable, 5-pole, halogen-free PUR, grayish black RAL 7021, Straight male connector M12, coding: A, to Straight connect female M12, coding: A, cable length: 6.8 m

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 6.8 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

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

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

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

SignalingStatus display no

Status display present No

ConnectorConnection 1

Type Plug straight M12

Number of positions 5

Coding type A

Connection 2

Type Socket straight M12

Number of positions 5

Coding type A

Cable/lineCable length 6.8 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 35 kg/km

UL AWM Style 20549 / 10493 (80°C/300 V)

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 5x 0.34 mm² (Signal line)

Wire diameter incl. insulation 1.27 mm $\pm 0.02 \text{ mm}$ (Signal line)

External cable diameter 5.00 mm $\pm 0.15 \text{ mm}$

Outer sheath, material PUR

External sheath, color black-gray RAL 7021

Conductor material Bare Cu litz wires

Material wire insulation PP

Single wire, color brown, white, blue, black, green-yellow

Thickness, insulation $\geq 0.21 \text{ mm}$

Thickness, outer sheath approx. 0.70 mm

Overall twist 5 wires around filler to the core

Max. conductor resistance max. 58 Ω/km (at 20 °C)

Insulation resistance $\geq 16 \text{ G}\Omega\cdot\text{km}$ (at 20 °C)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/6,8-PUR/M12FS VA 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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