

INDUSTRIAL COMPONENT DATA

SAC-3P-M12Y/2X2,0-PUR/M 8FR-2L 1519516 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X2,0-PUR/M 8FR-2L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12Y/2X2,0-PUR/M 8FR-2L
Catalog number	1519516
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PUR, grayish black RAL 7021, Straight connector M12, coding: A, to Elbowed Female M8, coding: A, with 2 LEDs and Elbowed Female M8, coding: A, with 2 LEDs, cable length: 2 m

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket angled M8, coding: A, with 2 LEDs and Socket angled M8, coding: A, with 2 LEDs, cable length: 2 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 Distributor with cable

Application Standard

Number of positions 3

No. of cable outlets 2

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

Outer sheath, material PUR

Conductor material Bare Cu litz wires

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

Nominal voltage UN 24 V

Nominal current IN 4 A

Max. conductor resistance $77.6 \text{ m}\Omega/\text{m}$

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

Max. bending cycles 4000000

SignalingStatus display 2 LEDs

Status display present Yes

ConnectorConnection 1

Type Plug straight M12

Coding type A

Connection 2

Type Socket angled M8

Coding type A

Connection 3

Type Socket angled M8

Coding type A

Cable/lineCable length 2 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 18 kg/km

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

Number of positions 3

Shielded no

Cable type PUR halogen-free black [PUR]

Conductor structure signal line 32x 0.10 mm

AWG signal line 24

Conductor cross section 3x 0.25 mm² (Signal line)

Wire diameter incl. insulation 1.17 mm $\pm 0.02 \text{ mm}$

External cable diameter 3.60 mm $\pm 0.15 \text{ mm}$

Outer sheath, material PUR

External sheath, color b...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X2,0-PUR/M 8FR-2L with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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