

INDUSTRIAL COMPONENT DATA

SAC-3P-20,0-PUR/M12FS VC 1431591 PHOENIX CONTACT

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish bl..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-20,0-PUR/M12FS VC



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-20,0-PUR/M12FS VC
Catalog number	1431591
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
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Product Overview

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, free cable end, to Straight female M12, coding: A, cable length: 20 m

Sensor/actuator cable, 3-position halogen-free, free cable end, on Socket straight M12, coding: A, cable length: 20 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 3

No. of cable outlets 1

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Electrical propertiesContact resistance <= 5 m?

Insulation resistance >= 100 M?

Nominal voltage UN 250 V AC

250 V DC

Nominal current IN 4 A

Mechanical propertiesMechanical dataInsertion/withdrawal cycles ≥ 100

SignalingStatus display No

Status display present No

ConnectorConnection 1

Type free cable end

Connection 2

Type Socket straight M12

Number of positions 3

Coding type A

Cable/lineCable length 20 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 30 kg/km

UL AWM Style 20549

Number of positions 3

Shielded no

Cable type PUR halogen-free black [PUR]

Conductor structure signal line 28x 0.15 mm

AWG signal line 20

Conductor cross section 3x 0.5 mm²Wire diameter incl. insulation 1.5 mm ± 0.05 mm (Signal line)External cable diameter 4.5 mm ± 0.2 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 black 1, black 2, green/yellow

Overall twist 3 wires, twisted

Max. conductor resistance 39 Ω /km (at 20 °C)Insulation resistance min. 20 M Ω *kmNominal voltage, cable ≤ 300 VTest voltage ≥ 1200 V

Minimum bending radius, fixed installation 5 x D

Minimum bending radius, flexible installation 10 x D

Smallest bending ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-20,0-PUR/M12FS VC 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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