

INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/ 5,0-PVC/M12FR 1696549 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 5,0-PVC/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/ 5,0-PVC/M12FR
Catalog number	1696549
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PVC, black RAL 9005, Straight male connector M12, coding: A, to Elbow connection female M12, coding: A, cable length: 5 m

Sensor/actuator cable, 3-pin, PVC, black RAL 9005, straight male M12, coding: A, on angled socket M12, coding: A, 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

Key Commercial Data

Orderkey 1696549

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4017918203658

Weight per Piece (excluding packing) 151.900 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 5 m

Ambient conditions

Degree of protection IP65
IP67
IP68
General
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 3
Insulation resistance $\geq 100 \text{ M}\Omega$
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
Torque 0.4 Nm
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PVC black
Cable type (abbreviation) PVC
Cable abbreviation LiYY
UL AWM style 2464 / 1729 (80°C/300 V)
Conductor cross section $3 \times 0.34 \text{ mm}^2$ (Signal line)
AWG signal line 22
Conductor structure signal line $19 \times 0.15 \text{ mm}$
Core diameter including insulation $1.26 \text{ mm} \pm 0.05 \text{ mm}$
Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color black RAL 9005
Outer sheath thickness $\geq 0.76 \text{ mm}$
External cable diameter $D 4.3 \text{ mm} \pm 0.2 \text{ mm}$
Minimum bending radius, fixed installation $5 \times D$
Minimum bending radius, flexible installation $10 \times \dots$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 5,0-PVC/M12FR 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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