

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/5-PVC/M12FS SH VA 1401317 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/5-PVC/M12FS SH VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/5-PVC/M12FS SH VA
Catalog number	1401317
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, PVC, black RAL 9005, shielded, M12 straight male connector, coding: A, to M12 straight connection female, 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)**

Additional Product Information

Key Commercial Data

Orderkey 1401317

Packing unit 1

GTIN 4046356548670

Custom tariff number 85444290

Dimensions

Length of cable 5 m

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC
Number of positions 5
Insulation resistance $\geq 10 \text{ M}\Omega$
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
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
Conductor cross section $5 \times 0.34 \text{ mm}^2$ (Signal line)
AWG signal line 22
Conductor structure signal line $42 \times 0.10 \text{ mm}$
Core diameter including insulation $1.35 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)
 $\geq 0.76 \text{ mm}$ (Outer cable sheath)
Wire colors Brown, white, blue, black, gray
Overall twist 5 wires around filler to the core
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color black RAL 9005
External cable diameter $D 5.9 \text{ mm} \pm 0.2 \text{ mm}$
Cable weight 55 kg/km
Outer sheath, material PVC
Material, filler PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance $\geq 10 \text{ M}\Omega \cdot \text{km}$ (at 20°C)
Conductor resistan...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/5-PVC/M12FS SH 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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