

INDUSTRIAL COMPONENT DATA

SAC-4P-MS/ 0,5-542/ FR SCO BK 1406223 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 0,5-542/M12FR BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 0,5-542/M12FR BK
Catalog number	1406223
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
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Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 4-Pole, PVC, Yellow, M12 Straight Male Connector, Coding: A, to M12 Elbow Connection Female, Coding: A, Cable Length: 0.5 m

Sensor/actuator cable, 4-position, PVC, yellow, Plug straight M12, coding: A, on Socket angled M12, coding: A, cable length: 0.5 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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Application Standard, U.S. cables

Number of positions 4

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

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 PVC

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

Nominal voltage UN 250 V AC

250 V DC

Nominal current IN 4 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

SignalingStatus display no

Status display present No

Connection dataConductor connection

Tightening torque 0.4 Nm (M12 connector)

ConnectorConnection 1

Type Plug straight M12

Number of positions 4

Coding type A

Connection 2

Type Socket angled M12

Number of positions 4

Coding type A

Cable/lineCable length 0.5 m

PVC yellow 105 °C [542]

Dimensional drawing

Cable weight 36 kg/km

UL AWM Style 2517 (105 °C / 300 V)

Number of positions 4

Shielded no

Cable type PVC yellow 105 °C [542]

Conductor structure signal line 30x 1.30 mm

AWG signal line 22

Wire diameter incl. insulation 1.27 mm ± 0.03 mm

External cable diameter 5.00 mm ± 0.2 mm

Outer sheath, material PVC

External sheath, color yellow

Conductor material Tin-plated Cu litz wires

Material wire insulati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 0,5-542/M12FR BK with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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