

INDUSTRIAL COMPONENT DATA

SAC-4P-P12MS/ 1,5-PUR/P12FR SH 1224179 PHOENIX CONTACT Sensor/Actuator Cable, Halogen-Free 4-Pole, Shielded ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-P12MS/ 1,5-PUR/P12FR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-P12MS/ 1,5-PUR/P12FR SH
Catalog number	1224179
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Sensor/Actuator Cable, Halogen-Free 4-Pole, Shielded (Advanced Shielding Technology), M12 Straight Connector, Coding: A Push-pull, A M12 Elbowed Female, Coding: A Push-pull, Cable Length: 1.5 m

Sensor/actuator cable, 4-position halogen-free, shielded (Advanced Shielding Technology), Plug straight M12 Push Pull, coding: A, on Socket angled M12 Push Pull, coding: A, cable length: 1.5 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 dataMountingConnection method Push-Pull

Product propertiesProduct type Sensor/actuator cable

Number of positions 4

Application Standard

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specifications Flammability rating according to UL 94 V0

Electrical properties Contact resistance $\leq 5 \text{ m}\Omega$

Insulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Protective circuit unwired

Mechanical properties Mechanical data

Insertion/withdrawal cycles ≥ 100

Signaling Status display No

Status display present No

Connection data Connection technology

Connection method Push-Pull

Conductor connection

Connection method Push-Pull

Connector Connection 1

Type Plug straight M12 Push Pull

Number of positions 4

Locking type Push Pull

Coding type A

Connection 2

Type Socket angled M12 Push Pull

Number of positions 4

Locking type Push Pull

Coding type A

Cable/line Cable length 1.5 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 36 kg/km

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

Number of positions 4

Shielded yes

Cable type PUR halogen-free black [PUR]

Conductor structure signal line 42x 0.10 mm

AWG signal line 22

Conductor cross section 4x 0.34 mm² (Signal line)

Wire diameter incl. insulation 1.27 mm $\pm 0.02 \text{ mm}$ (Signal line)

External cable diameter 4.95 mm $\pm 0.2 \text{ mm}$

Outer sheath, material PUR

External sheath, color black-gray RAL 7021

Conductor material Bare Cu litz wires

Material wir...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-P12MS/ 1,5-PUR/P12FR SH with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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