

INDUSTRIAL COMPONENT DATA

SAC-4P-30,0-PUR/M12FS 1424085 PHOENIX CONTACT

Sensor/actuator cable SAC-4P-30,0-PUR/M12FS 1424085

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-30,0-PUR/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-30,0-PUR/M12FS
Catalog number	1424085
Category	Sensor-actuator patch cord
Minimum order	5 Pcs
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Product Overview

Sensor/actuator cable - SAC-4P-30,0-PUR/M12FS - 1424085

Sensor/actuator cable, 4-pole halogen-free, free cable end, to straight female M12, cable length: 30 m

Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight M12, cable length: 30 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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 4

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Electrical propertiesNominal voltage UN 250 V AC

250 V DC

Nominal current IN 4 A

Connection dataConductor connection

Tightening torque 0.4 Nm

ConnectorConnection 1

Type free cable end

Connection 2

Type Socket straight M12

Number of positions 4

Cable/lineCable length 30 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 30 kg/km

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

Number of positions 4

Shielded no

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 ±0.02 mm

External cable diameter 4.20 mm ±0.15 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 brown, white, blue, black

Thickness, insulation ≥ 0.21 mm

Thickness, outer sheath approx. 0.50 mm

Overall twist 4 wires, twisted

Max. conductor resistance ≤ 58 Ω/km

Insulation resistance ≥ 1 GΩ*km

Nominal voltage, cable ≤ 300 V

Test voltage ≥ 3000 V

Minimum bending radius, fixed installation 5 x D

Minimum bending radius, flexible installation 10 x D

Smallest bending radius, fixed installation 21 mm

Smallest bending radius, movable installation 42 mm

Dynamic load capacity (bending) Max. bending cycles: 10000000, Bendin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-30,0-PUR/M12FS 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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