

INDUSTRIAL COMPONENT DATA

SAC-4P-M 8MS/ 1,5-PUR/M 8FS SH 1456349 PHOENIX CONTACT Cable for sensors/actuators, 4-pole, PUR, black RAL 9..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M 8MS/ 1,5-PUR/M 8FS SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M 8MS/ 1,5-PUR/M 8FS SH
Catalog number	1456349
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-2E5EC0D630
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Product Overview

Cable for sensors/actuators, 4-pole, PUR, black RAL 9005, shielded, male Connector straight M8, to Female connection straight M8, cable length: 1.5 m

Sensor/actuator cable, 4-position, shielded, Plug straight M8, on Socket straight M8, 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 4

Shielded yes

Electrical propertiesNominal voltage UN 48 V AC

60 V DC

ConnectorConnection 1

Type Plug straight M8

Number of positions 4

4

Connection 2

Type Socket straight M8

Number of positions 4

4

Cable/line Cable length 1.5 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 31 kg/km

UL AWM Style 20549

Number of positions 4

Shielded yes

Cable type PUR halogen-free black [PUR]

Conductor structure signal line 32x 0.10 mm

AWG signal line 24

Conductor cross section 4x 0.25 mm² (Signal line)

Wire diameter incl. insulation 1.17 mm ±0.02 mm (Signal line)

External cable diameter 4.7 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 (Core insulation)

approx. 0.5 mm (Outer cable sheath)

Overall twist 4 wires, twisted

Optical shield covering 80 %

Max. conductor resistance max. 78 Ω/km (at 20 °C)

Insulation resistance ≥ 100 GΩ*km (at 20 °C)

Nominal voltage, cable ≤ 300 V

Test voltage ≥ 3000 V

Smallest bending radius, fixed installation 24 mm

Smallest bending radius, movable installation 48 mm

Max. bending cycles 10000000

Halogen-free in accordance with DIN VDE 0472 part 815

Flame resistance in accordance with UL 758/1581 FT2

DIN EN 60332-2-2 (20 s)

Resistance to oil in accordance with DIN EN 60811-2-1

Other resista...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M 8MS/ 1,5-PUR/M 8FS SH 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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