

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 1,5-BF145 1070185 PHOENIX CONTACT

Sensor/actuator cable SAC-4P-M12MS/ 1,5-BF145 1070185

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 1,5-BF145



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 1,5-BF145
Catalog number	1070185
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-208A1EBF31
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Product Overview

Sensor/actuator cable - SAC-4P-M12MS/ 1,5-BF145 - 1070185

Sensor/actuator cable, halogen-free POC, irradiation cross-linked, black RAL 9005, shielded, M12 straight male connector, coding: A, to free cable end, cable length: 1 m

Sensor/actuator cable, POC halogen-free, irradiated, black RAL 9005, shielded, Plug straight M12, coding: A, on free cable end, cable length: 1 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

Shielded no

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsSeal 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

Electrical propertiesNominal voltage UN 250 V AC
250 V DC

Nominal current IN 4 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

Connection dataConductor connection

Tightening torque 0.4 Nm

ConnectorConnection 1

Type Plug straight M12

Coding type A

Connection 2

Type free cable end

Cable/lineCable length 1 m

POC irradiated halogen-free black [BF 145]

Cable weight 75 kg/km

Number of positions 4

Shielded no

Cable type POC irradiated halogen-free black [BF 145]

AWG signal line 18

Conductor cross section $4 \times 0.75 \text{ mm}^2$

Wire diameter incl. insulation 2.2 mm

External cable diameter 6.90 mm

Outer sheath, material POC

External sheath, color black RAL 9005

Conductor material Tin-plated Cu litz wires

Material wire insulation POC

Single wire, color black 1, black 2, black 3, black 4

Overall twist 4 wires around filler to the core

Nominal voltage, cable 300 V

Test voltage 3500 V

Minimum bending radius, fixed installation $4 \times D$

Minimum bending radius, flexible installation $8 \times D$

Smallest bending radius, fixed installation 28 mm

Smallest bending radius, movable installation....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 1,5-BF145 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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