

INDUSTRIAL COMPONENT DATA

SAC-5P- 0,25-186/M12FSB 1070638 PHOENIX CONTACT

Sensor/actuator cable, 5-position, PUR, black-gray RAL 7021,...

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-0,25-186/M12FSB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-0,25-186/M12FSB
Catalog number	1070638
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-2BD96C1167
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Product Overview

Sensor/actuator cable, 5-position, PUR, black-gray RAL 7021, free cable end, on Socket straight M12, B-coded, cable length: 0.25 m

Sensor/actuator cable, 5-pole, PUR, greyish black RAL 7021, free cable end, to Straight connection female M12, coding: B, cable length: 0.25 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

Key Commercial Data

Orderkey 1070638

Packing unit 1

GTIN 4055626751061

Custom tariff number 85444290

Drawings

General

Classifications

Dimensions

Cable

Drawings

Cable cross section

PUR POWER 0.75 mm² black [186]

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Length of cable 0.25 m

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Number of positions 5

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Cable type PUR POWER 0.75 mm² black

Cable type (abbreviation) 186

Cable abbreviation LiY11Y

Conductor cross section 5x 0.75 mm² (power line)

AWG signal line 18

Conductor structure signal line 42x 0.15 mm

Core diameter including insulation 1.7 mm ±0.05 mm

Thickness, insulation ≥ 0.23 mm (Core insulation)

≥ 0.76 mm (Outer cable sheath)

Wire colors Brown, white, blue, black, gray

Overall twist 5 wires around filler to the core

External sheath, color black-gray RAL 7021

External cable diameter D 6.3 mm ±0.2 mm

Smallest bending radius, movable installation 63 mm

Number of bending cycles 2000000

Bending radius 63 mm

Traversing path 5 m

Traversing rate 3 m/s

Acceleration 5 m/s²

Cable weight 67 kg/km

Outer sheath, material PUR

Material conductor insulation PVC

Conductor material Bare Cu litz wires

Insulation resistance ≥ 1 MΩ·km (at 20 °C)

Conductor resistance max. 26 Ω/km (at 20 °C)

Nominal voltage, cable ≤ 300 V

Test voltage, cable ≥ 3000 V

Flame resistance in accordance with DIN UL-Style 20549

Ambient temperature (operation) -25 °C ... 80 °C (cable, fixed installation)

-5 °C ... 80 °C (cable, flexible installation)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-0,25-186/M12FSB 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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