

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/15,0-186/M12MS 1100857 PHOENIX CONTACT

Sensor/actuator cable, 4-position, PUR, black-gray RAL 7..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/15,0-186/M12MS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/15,0-186/M12MS
Catalog number	1100857
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-18FF997A17
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Product Overview

Sensor/actuator cable, 4-position, PUR, black-gray RAL 7021, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 15 m, Customer version

Sensor/actuator cable, 4-pole, PUR, greyish black RAL 7021, Straight male connector M12, coding: A, to Straight connection female M12, coding: A, cable length: 15 m, Customer variant

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

Key Commercial Data
Orderkey 1100857
Packing unit 1
GTIN 4055626957456
Custom tariff number 85444290
Drawings
Ambient conditions
Cable
Dimensions
General
Classifications
Drawings

Cable cross section

PUR POWER 0.75 mm² black [186]

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Length of cable 15 m

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Degree of protection IP65

IP67

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Rated current at 40°C 4 A

Rated voltage 24 V AC

24 V AC

Number of positions 4

Overvoltage category II

Degree of pollution 3

Torque 0.4 Nm

[Back to top](#)Cable

Cable type PUR POWER 0.75 mm² black

Cable type (abbreviation) 186

Cable abbreviation LiY11Y

UL AWM style 20549 / 1061 (80°C/300 V)

Conductor cross section 4x 0.75 mm² (power line)

AWG signal line 18

Conductor structure signal line 42x 0.15 mm

Core diameter including insulation 1.75 mm ±0.05 mm

Thickness, insulation ≥ 0.23 mm (Core insulation)

≥ 0.76 mm (Outer cable sheath)

Wire colors brown, white, blue, black

Overall twist 4 wires, twisted

External sheath, color black-gray RAL 7021

External cable diameter D 5.9 mm ±0.15 mm

Smallest bending radius, movable installation 59 mm

Minimum bending radius, fixed installation 5 x D

Minimum bending radius, flexible installation 10 x D

Number of bending cycles 2000000

Bending radius 59 mm

Traversing path 5 m

Traversing rate 3 m/s

Acceleration 5 m/s²

Cable weight 57 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. 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/15,0-186/M12MS 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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