INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/ 2,4-186 1084047 PHOENIX CONTACT Sensor/actuator cable, 3-position, PUR, black-gray RAL 7021, P..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 2,4-186

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/ 2,4-186
Catalog number	1084047
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-97BF407918
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-position, PUR, black-gray RAL 7021, Plug straight M12, A-coded, on free cable end, cable length: 2.4 m
Sensor/actuator cable, 3-pole, PUR, grayish black RAL 7021, Straight male connector M12, coding: A, to free cable end, cable length: 2.4 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)

Additional Product Information

Key Commercial Data
Orderkey 1084047
Packing unit 1
GTIN 4055626822099
Custom tariff number 85444290
Drawings
Ambient conditions
Cable
Dimensions
General

Classifications
Drawings
Cable cross section
PUR POWER 0.75 mm² black [186]
Back to topDimensions
Length of cable 2.4 m
Back to topAmbient conditions
Degree of protection IP65
IP67
Back to topGeneral
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 3
Overvoltage category II
Degree of pollution 3
Torque 0.4 Nm
Back to topCable
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 M?*km (at 20 °C)
Conductor resistance max...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 2,4-186 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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