INDUSTRIAL COMPONENT DATA

SAC-5P-10,0-PUR/M12FS BK 1012050 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-10,0-PUR/M12FS BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-10,0-PUR/M12FS BK
Catalog number	1012050
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-FA092CB56A
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 5-pole, halogen-free, greyish-black RAL 7021, free cable end, to Straight connection female M12, coding: A, cable length: 10 m, with black grip body

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 1012050
Packing unit 1
GTIN 4055626488721
Custom tariff number 85444290
Dimensions
Length of cable 10 m
Stripping length of the free conductor end 50 mm
General
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 5

Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Material
Flammability rating according to UL 94 HB
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section 5x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm
Wire colors brown, white, blue, black, green-yellow
Overall twist 5 wires around filler to the core
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.7 mm
External cable diameter D 5 mm ±0.15 mm
Smallest bending radius, fixed installation 25 mm
Smallest bending radius, movable installation 50 mm
Number of bending cycles 4000000
Bending radius 50 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 35 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance >= 16 G?*km (at 20 °C)
Conductor resistance max. 58 ?/km (at 20 °C)
Nominal voltage, cable 300 V
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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-10,0-PUR/M12FS BK 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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