INDUSTRIAL COMPONENT DATA

SAC-3P-10,0-121/A-1L-R 1418627 PHOENIX CONTACT Sensor/actuator cable SAC-3P-10,0-121/A-1L-R 1418627

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-10,0-121/A-1L-R



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-10,0-121/A-1L-R
Catalog number	1418627
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-BBC9D930DB
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-10,0-121/A-1L-R - 1418627
Sensor/actuator cable, 3-pole, halogen-free, highly flexible, black RAL 9005, free cable end, to Valve connectors A, with 1 LED, Circuit: Free-flowing diode, cable length: 10 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

Sensor/actuator cable, 3-position, PUR halogen-free, highly flexible, black RAL 9005, cable length: 10 m
Key Commercial Data
Orderkey 1418627
Packing unit 1
GTIN 4055626142029
Custom tariff number 85444290
Dimensions
Length of cable 10 m
General
Rated current at 40°C 2 A
Rated voltage 24 V DC
24 V DC
Number of positions 3

Standards/regulations Valve connector EN 175301-803
Status display 1 LED
Protective circuit/component Damping diode
Overvoltage category III
Degree of pollution 3
Material
Flammability rating according to UL 94 V0
Valve plug contact material CuSn
Valve plug contact surface material Sn
Valve plug contact insert material PA 6.6
Material housing valve plug TPU
Sealing material TPU (Seal molded)
Standards and Regulations
Standard designation Valve connector
Standards/regulations EN 175301-803
Flammability rating according to UL 94 V0
Cable
Cable type PUR black
Cable type (abbreviation) 121
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section 3x 1 mm²
AWG signal line 17
Conductor structure signal line 32x 0.20 mm
Core diameter including insulation 2.1 mm ±0.05 mm
Wire colors black 1, black 2, green/yellow
Overall twist 3 wires, twisted
External sheath, color black RAL 9005
External cable diameter D 6 mm ±0.2 mm
Minimum bending radius, flexible installation 7.5 x D
Number of bending cycles 3000000
Traversing rate 2.5 m/s
Acceleration 10 m/s²
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-10,0-121/A-1L-R 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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