

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-D484693C04
Generated	2026-08-06

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.