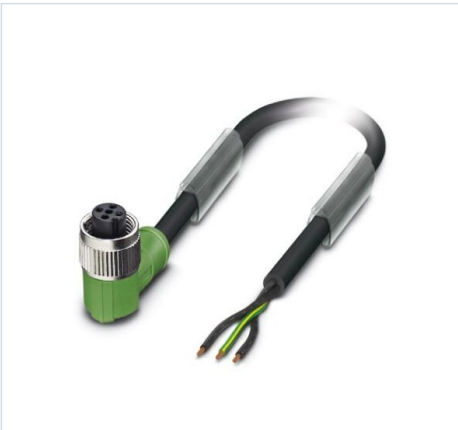


INDUSTRIAL COMPONENT DATA

SAC-3P-10,0-PUR/M12FR VC 1402554 PHOENIX CONTACT

Sensor/actuator cable SAC-3P-10,0-PUR/M12FR VC 1402554

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-10,0-PUR/M12FR VC



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-10,0-PUR/M12FR VC
Catalog number	1402554
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-E5AABF12D4
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-3P-10,0-PUR/M12FR VC - 1402554

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, free cable end, to Elbow connection female M12, coding: A, 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)
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Additional Product Information

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12, A-coded, cable length: 10 m

Key Commercial Data

Orderkey 1402554

Packing unit 1

GTIN 4046356622646

Custom tariff number 85444290

Dimensions

Length of cable 10 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC

Number of positions 3

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Torque 0.4 Nm

Material

Flammability rating according to UL 94 HB

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y-HF

UL AWM style 20549

Conductor cross section $3 \times 0.5 \text{ mm}^2$

AWG signal line 20

Conductor structure signal line $28 \times 0.15 \text{ mm}$

Core diameter including insulation $1.5 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)

Wire colors black 1, black 2, green/yellow

Overall twist 3 wires, twisted

External sheath, color black-gray RAL 7021

External cable diameter $D 4.5 \text{ mm} \pm 0.2 \text{ mm}$

Smallest bending radius, fixed installation 22.5 mm

Number of bending cycles 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-10,0-PUR/M12FR VC 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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