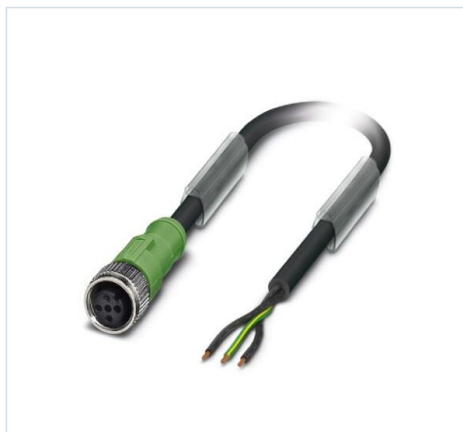


INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-116/M12FS VC 1405616 PHOENIX CONTACT

Sensor/actuator cable, 3-position, PUR/PVC, black RAL 9005,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P- 5,0-116/M12FS VC



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P- 5,0-116/M12FS VC
Catalog number	1405616
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-C6570BBC75
Generated	2026-08-06

Product Overview

Sensor/actuator cable, 3-position, PUR/PVC, black RAL 9005, free cable end, on Socket straight M12, A-coded, cable length: 5 m

Sensor/actuator cable, 3-pole, PUR/PVC, black RAL 9005, free cable end, to Straight connection female M12, coding: A, cable length: 5 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

Key Commercial Data

Orderkey 1405616

Packing unit 1

GTIN 4046356751520

Custom tariff number 85444290

Drawings

General

Standards and Regulations

Classifications

Dimensions

Material

Cable

Drawings

Dimensional drawing

M12 x 1 socket, straight

Circuit diagram

Contact assignment of the M12 socket

Schematic diagram

Pin assignment M12 socket, 3-pos., A-coded, view female side

Cable cross section

PUR/PVC, 0.75 mm², black [116]

[Back to top](#)Dimensions

Length of cable 5 m

[Back to top](#)General

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

Insertion/withdrawal cycles ≥ 100

[Back to top](#)Material

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

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

Sealing material TPU

[Back to top](#)Standards and Regulations

Flame resistance DIN VDE 0482

DIN EN 50265-2-1

in acc. with UL FT-2

Other resistance Highly resistant to acids, alkaline solutions and solvents

hydrolysis and microbe resistant

[Back to top](#)Cable

Cable type PUR/PVC, 0.75 mm², black

Cable type (abbreviation) 116

Cable abbreviation LiYY11Y

UL AWM style 20549

Conductor cross section 3x 0.75 mm²

AWG signal line 18

Conductor structure signal line 24x 0.20 mm

Core diameter including insulation 1.7 mm $\pm 0.05 \text{ mm}$

Wire colors black 1, black 2, green/yellow

Overall twist 3 wires, twisted

External sheath, color black RAL 9005

External cable diameter D 5.8 mm $\pm 0.2 \text{ mm}$

Minimum bending radi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P- 5,0-116/M12FS 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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