

INDUSTRIAL COMPONENT DATA

SAC-5P-Y/2X1,0-PUR/A-1L-Z SCO 1446595 PHOENIX CONTACT Sensor/actuator cable, 3-pos., PUR halogen-free, black..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-Y/2X1,0-PUR/A-1L-Z SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-Y/2X1,0-PUR/A-1L-Z SCO
Catalog number	1446595
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-2CFBDE91B2
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 3-pos., PUR halogen-free, black-gray RAL 7021, straight M12 SPEEDCON plug, A-coded, to valve connector C (8 mm), with 1 LED, connected to Z diode, cable length: 1.0 m

Cable for sensors/actuators, 3 poles, halogen-free PUR, greyish black RAL 7021, connect. straight male SPEEDCON M12, codif. A, in conec. C valve (8 mm), with 1 LED, connected to Z diode, long. Cable: 1.0 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

Key Commercial Data

Orderkey 1446595

Packing unit 1

GTIN 4046356639972

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Cable

Classifications

Dimensions

General

Standards and Regulations

Environmental Product Compliance

Drawings

Dimensional drawing

Plug M12 x 1, Y distributor

Dimensional drawing

Valve connector, type C, side view

Schematic diagram

Valve connector connector pin assignment, type C

Cable cross section

PUR halogen-free black [PUR]

[Back to top](#)Dimensions

Length of cable 1 m

Stripping length of the free conductor end 50 mm

[Back to top](#)Ambient conditions

Degree of protection IP65

IP67

[Back to top](#)General

Rated current at 40°C 4 A

Rated voltage 24 V AC

24 V DC

Number of positions 3

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

Coding A - standard

Status display 1 LED

Protective circuit/component Z diode

Overvoltage category III

Degree of pollution 3

[Back to top](#)Material

Flammability rating according to UL 94 V0

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Valve plug contact material CuSn

Valve plug contact surface material Sn

Valve plug contact insert material PA 6.6

Material housing valve plug TPU

Material, knurls Zinc die-cast, nickel-plated

[Back to top](#)Standards and Regulations

Flammability rating according to UL 94 V0

[Back to top](#)Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y-HF

UL AWM style 20549

Conductor cross section 3x 0.5 mm²

AWG signal line 20

Conductor structure signal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-Y/2X1,0-PUR/A-1L-Z SCO 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.