

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-Y/2X1,5-PUR/A-1L-Z SCO 1425430 PHOENIX CONTACT Sensor/actuator cable SAC-5P-Y/2X1,5-PUR/A-1L-Z SCO 14..

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



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-5P-Y/2X1,5-PUR/A-1L-Z SCO |
| Catalog number  | 1425430                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 50 Pcs                        |
| Document ID     | EO-1E332A02E5                 |
| Generated       | 2026-08-06                    |

## Product Overview

Sensor/actuator cable - SAC-5P-Y/2X1,5-PUR/A-1L-Z SCO - 1425430

Sensor/actuator cable, 3-pole halogen-free, M12 straight connector, coding: A SPEEDCON, a C valve connectors (8mm), with 1 LED, connected with Diode Z, cable length: 1.5 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)**

## Additional Product Information

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12 SPEEDCON, A-coded, on Valve connector C (8 mm), with 1 LED, connected with Z diode, cable length: 1.5 m

Key Commercial Data

Orderkey 1425430

Packing unit 1

GTIN 4055626399577

Custom tariff number 85444290

Dimensions

Length of cable 1.5 m

General

Rated voltage 24 V AC

24 V DC  
Number of positions 3  
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 mm<sup>2</sup>  
AWG signal line 20  
Conductor structure signal line 28x 0.15 mm  
Core diameter including insulation 1.5 mm ±0.05 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 mm ±0.2 mm  
Smallest bending radius, fixed installation 22.5 mm  
Number of bending cycles 15000000  
Bending radius 50 mm  
Traversing path 0.9 m  
Traversing rate 5 m/s  
Acceleration 30 m/s<sup>2</sup>  
Outer sheath, material PUR  
Material conductor insulation PP  
Conductor material Bare Cu litz wires  
Insulation resistance min. 20 M $\Omega$ \*km  
Conductor resistance 39  $\Omega$ /km (at 20 °C)  
Nominal voltage, cable ≤ 300 V  
Test voltage, cable ≥ 1200 V  
Flame resistance according to DIN VDE 0482  
According to DIN EN 50265-2-1  
Halogen-free in accordance with DIN VDE 0472 part 815  
Other resistance largely oil-resistant  
partly UV-resistant in accordance with DIN EN ISO 4892-2-A  
Ambient temperature (operation) -40 °C...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-Y/2X1,5-PUR/A-1L-Z SCO with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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