

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-60,0-PUR/M 8FS SH 1424702 PHOENIX CONTACT

## Sensor/actuator cable SAC-3P-60,0-PUR/M 8FS SH 1424702

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-60,0-PUR/M 8FS SH



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-3P-60,0-PUR/M 8FS SH   |
| Catalog number  | 1424702                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 25 Pcs                     |
| Document ID     | EO-75CDF6F759              |
| Generated       | 2026-08-06                 |

### Product Overview

Sensor/actuator cable - SAC-3P-60,0-PUR/M 8FS SH - 1424702

**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, 4-position, PUR halogen-free, black-gray RAL 7021, shielded, cable length: 60 m

Key Commercial Data

Orderkey 1424702

Packing unit 1

GTIN 4055626376653

Custom tariff number 85444290

Dimensions

Length of cable 60 m

General

Rated voltage 48 V AC

60 V DC

Number of positions 4

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y-V1-C-V1-11Y  
UL AWM style 20549  
Conductor cross section 3x 0.25 mm<sup>2</sup> (Signal line)  
AWG signal line 24  
Conductor structure signal line 32x 0.10 mm  
Core diameter including insulation 1.17 mm ±0.02 mm (Signal line)  
Thickness, insulation ≥ 0.21 mm (Core insulation)  
≥ 0.5 mm (Outer cable sheath)  
Wire colors brown, blue, black  
Overall twist 3 wires, twisted  
Shielding Braided copper wires  
Optical shield covering 80 %  
External sheath, color black-gray RAL 7021  
External cable diameter D 4.35 mm ±0.2 mm  
Smallest bending radius, fixed installation 22 mm  
Smallest bending radius, movable installation 44 mm  
Number of bending cycles 10000000  
Bending radius 50 mm  
Traversing path 10 m  
Traversing rate 3 m/s  
Acceleration 10 m/s<sup>2</sup>  
Cable weight 26 kg/km  
Outer sheath, material PUR  
Material conductor insulation PP  
Conductor material Bare Cu litz wires  
Insulation resistance ≥ 100 G?<sup>?</sup>km  
Conductor resistance max. 79 ?/km  
Nominal voltage, cable 300 V  
Test voltage, cable 3000 V  
Special properties Flexible cable conduit capable  
Silicone-free  
Free of substances which would hinder coating with paint or varnish  
Flame resistanc...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-60,0-PUR/M 8FS SH 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

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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