

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M8MS/3,0-PUR/M8FRSH AI 1402367 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M8MS/3,0-PUR/M8FRSH AI



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-3P-M8MS/3,0-PUR/M8FRSH AI |
| Catalog number  | 1402367                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 25 Pcs                        |
| Document ID     | EO-0337EE1C6A                 |
| Generated       | 2026-08-04                    |

## Product Overview

Sensor/actuator cable

**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 &gt; Industrial Field Connectivity (IFC)

## Additional Product Information

Key Commercial Data

Orderkey 1402367

Packing unit 1

GTIN 4046356609005

Custom tariff number 85444290

General

Rated voltage 48 V AC

60 V DC

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  $\pm$ 0.02 mm (Signal line)  
Thickness, insulation  $\geq$  0.21 mm (Core insulation)  
 $\geq$  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  $\pm$ 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  $\geq$  100 G $\cdot$ km  
Conductor resistance max. 79  $\Omega$ /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 resistance in accordance with UL 758/1581 FT2  
DIN EN 60332-2-2 (20 s)  
Halogen-free in accordance with DIN VDE 0472 part 815  
Resistance to oil in accordance with DIN E...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M8MS/3,0-PUR/M8FRSH AI 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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