

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-50,0-PUR/M 8FS SH 1091188 PHOENIX CONTACT

## Sensor/actuator cable, 4-position, PUR halogen-free, black-..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-50,0-PUR/M 8FS SH



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-4P-50,0-PUR/M 8FS SH   |
| Catalog number  | 1091188                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 25 Pcs                     |
| Document ID     | EO-AE10E4D94C              |
| Generated       | 2026-08-04                 |

### Product Overview

Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, shielded, free cable end, on Socket straight M8, cable length: 50 m

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded, free cable end, to Straight connection female M8, cable length: 50 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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 4

Shielded yes

ConnectorConnection 1

Type free cable end

Connection 2

Type Socket straight M8

Number of positions 4

Cable/lineCable length 50 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 31 kg/km

UL AWM Style 20549  
Number of positions 4  
Shielded yes  
Cable type PUR halogen-free black [PUR]  
Conductor structure signal line 32x 0.10 mm  
AWG signal line 24  
Conductor cross section 4x 0.25 mm<sup>2</sup> (Signal line)  
Wire diameter incl. insulation 1.17 mm ±0.02 mm (Signal line)  
External cable diameter 4.70 mm ±0.15 mm  
Outer sheath, material PUR  
External sheath, color black-gray RAL 7021  
Conductor material Bare Cu litz wires  
Material wire insulation PP  
Single wire, color brown, white, blue, black  
Thickness, insulation ≥ 0.21 mm (Core insulation)  
approx. 0.50 mm (Outer cable sheath)  
Overall twist 4 wires, twisted  
Optical shield covering 80 %  
Max. conductor resistance max. 78 Ω/km (at 20 °C)  
Insulation resistance ≥ 100 GΩ\*km (at 20 °C)  
Nominal voltage, cable ≤ 300 V  
Test voltage ≥ 3000 V  
Smallest bending radius, fixed installation 24 mm  
Smallest bending radius, movable installation 48 mm  
Dynamic load capacity (bending) Max. bending cycles: 10000000, Bending radius: 48 mm, Traversing path: 10 m,  
Traversing rate: 3 m/s, Acceleration: 10 m/s<sup>2</sup>  
Halogen-free in accordance with DIN VDE 0472 part 815  
Flame resistance in accordance with UL 758/1581 FT2  
DIN EN 60332-2-2 (20 s)  
Resistance to oil in acc...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-50,0-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

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