

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M8MS/1,0-PUR/M8FS SH BK 1401068 PHOENIX CONTACT Cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M8MS/1,0-PUR/M8FS SH BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-4P-M8MS/1,0-PUR/M8FS SH BK |
| Catalog number  | 1401068                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-63199414C3                  |
| Generated       | 2026-08-05                     |

## Product Overview

Cable

Cable, shielded, M8 straight connector, encoding: A, a M8 straight female, coding: A

Cables, halogen-free, grey-black RAL 7021, shielded, straight male M8, coding: A, on straight socket M8, coding: A

**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 1401068

Packing unit 1

GTIN 4046356520409

Custom tariff number 85444290

General

Rated voltage 48 V AC

60 V DC

Insertion/withdrawal cycles >= 100

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation LiF9YC11Y

UL AWM style 20549  
Conductor cross section 4x 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)  
approx. 0.5 mm (Outer cable sheath)  
Wire colors brown, white, blue, black  
Overall twist 4 wires, twisted  
Shielding Braided copper wires  
Optical shield covering 80 %  
External sheath, color black-gray RAL 7021  
External cable diameter D 4.7 mm ±0.15 mm  
Smallest bending radius, fixed installation 24 mm  
Smallest bending radius, movable installation 48 mm  
Number of bending cycles 10000000  
Bending radius 48 mm  
Traversing path 10 m  
Traversing rate 3 m/s  
Acceleration 10 m/s<sup>2</sup>  
Cable weight 31 kg/km  
Outer sheath, material PUR  
Material conductor insulation PP  
Conductor material Bare Cu litz wires  
Insulation resistance ≥ 100 G?·km (at 20 °C)  
Conductor resistance max. 78 ?/km (at 20 °C)  
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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M8MS/1,0-PUR/M8FS SH BK 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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