

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-20,0-PUR/M12FS 1424086 PHOENIX CONTACT

## Sensor/actuator cable SAC-4P-20,0-PUR/M12FS 1424086

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-20,0-PUR/M12FS



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-4P-20,0-PUR/M12FS      |
| Catalog number  | 1424086                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 5 Pcs                      |
| Document ID     | EO-375D551E83              |
| Generated       | 2026-08-05                 |

### Product Overview

Sensor/actuator cable - SAC-4P-20,0-PUR/M12FS - 1424086

**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

Sensor/actuator cable, PUR halogen-free, black-gray RAL 7021

Key Commercial Data

Orderkey 1424086

Packing unit 1

GTIN 4055626367828

Custom tariff number 85444290

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC

Overvoltage category II

Degree of pollution 3

Torque 0.4 Nm  
Cable  
Cable type PUR halogen-free black  
Cable type (abbreviation) PUR  
Cable abbreviation Li9Y11Y-HF  
UL AWM style 20549 / 10493 (80°C/300 V)  
Conductor cross section 4x 0.34 mm<sup>2</sup>  
AWG signal line 22  
Conductor structure signal line 42x 0.10 mm  
Core diameter including insulation 1.27 mm ±0.02 mm  
Thickness, insulation ≥ 0.21 mm  
Wire colors brown, white, blue, black  
Overall twist 4 wires, twisted  
External sheath, color black-gray RAL 7021  
Outer sheath thickness approx. 0.5 mm  
External cable diameter D 4.2 mm ±0.15 mm  
Minimum bending radius, fixed installation 5 x D  
Minimum bending radius, flexible installation 10 x D  
Number of bending cycles 1000000  
Minimum bending radius, drag chain applications 10 x D  
Traversing path 10 m  
Traversing rate 3 m/s  
Acceleration 10 m/s<sup>2</sup>  
Cable weight 30 kg/km  
Outer sheath, material PUR  
Material conductor insulation PP  
Conductor material Bare Cu litz wires  
Insulation resistance ≥ 1 G?·km  
Conductor resistance ≤ 58 ?/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  
flexible  
Flame r...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-20,0-PUR/M12FS 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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