

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-5,0-921 /M12FS 1424428 PHOENIX CONTACT Cable bus system SAC-5P-5,0-921 /M12FS 1424428

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-5,0-921 /M12FS



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-5,0-921 /M12FS      |
| Catalog number  | 1424428                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-16DB4B9B98              |
| Generated       | 2026-08-06                 |

## Product Overview

Cable bus system - SAC-5P-5,0-921 /M12FS - 1424428

Bus system cable, CANopen®, 5-pole, cable length: 5 m

Bus system cable, CANopen®, 5-position, PUR halogen-free, black RAL 9005, cable length: 5 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 Data cable preassembled

Sensor type CANopen®

Number of positions 5

Insulation characteristics

Overvoltage category II

Degree of pollution 3

InterfacesSignal type/category CANopen®

Electrical propertiesNominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Cable/lineCable length 5 m

CANopen®/DeviceNet™, PUR, black [921]

Dimensional drawing

Cable weight 90 kg/km  
UL AWM Style 21198 (80°C/300 V)  
Number of positions 4  
Shielded yes  
Cable type CANopen®/DeviceNet™, PUR, black [921]  
Conductor structure 2xAWG24/19+2xAWG22/19  
Conductor structure signal line 19x 0.13 mm  
AWG signal line 24  
Conductor cross section 2x 0.25 mm<sup>2</sup> (Data cable)  
2x 0.34 mm<sup>2</sup> (Power supply)  
1x 0.34 mm<sup>2</sup> (Drain wire)  
Wire diameter incl. insulation 1.95 mm ±0.05 mm (Data cable)  
1.4 mm ±0.05 mm (Power supply)  
External cable diameter 6.70 mm ±0.3 mm  
Outer sheath, material PUR  
External sheath, color black RAL 9005  
Conductor material Tin-plated Cu litz wires  
Material wire insulation Foamed PE (Data cable)  
PE (Power supply)  
Single wire, color red-black, blue-white  
Twisted pairs 2 cores to the pair  
Type of pair shielding Plastic-coated aluminum foil, aluminum side outside  
Overall twist 2 pairs around a drain wire in the center to the core  
Optical shield covering 80 %  
Insulation resistance  $\geq 5 \text{ G}\cdot\text{km}$  (Data cable)  
 $\geq 5 \text{ G}\cdot\text{km}$  (Power supply)  
Loop resistance  $\leq 181.80 \text{ }\Omega/\text{km}$  (Data cable)  
 $\leq 114.80 \text{ }\Omega/\text{km}$  (Power supply)  
Wave impedance 120  $\Omega \pm 10 \%$  (with 1 MHz)  
Cable capacity nom. 40 nF/km (...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-5,0-921 /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

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