

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/ 2,0-927/M12FS VA 1402947 PHOENIX CONTACT 5-pos. cable, black PVC, shielded, shielded plug, str..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 2,0-927/M12FS VA



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-5P-M12MS/ 2,0-927/M12FS VA |
| Catalog number  | 1402947                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-D042924D50                  |
| Generated       | 2026-08-03                     |

## Product Overview

5-pos. cable, black PVC, shielded, shielded plug, straight M12, A-coded, on shielded socket, straight M12, A-coded with VA knurl, length: 2 m

5-pole cable, black shielded PVC, straight shielded maleM12, codif. A, in female connection. shielded straight M12, codif. A with knurling VA, length: 2 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

Number of positions 5

Electrical propertiesNominal voltage UN 48 V AC

60 V DC

Cable/lineCable length 2 m

CANopen®/DeviceNet™, PVC, black [927]

Cable weight 83 kg/km

UL AWM Style 2464 (80°C/300 V)

Number of positions 4

Shielded yes

Cable type CANopen®/DeviceNet™, PVC, black [927]  
Signal runtime 4.46 ns/m  
Conductor structure signal line 44x 0.10 mm  
AWG signal line 22  
Conductor cross section 2x 0.34 mm<sup>2</sup> (Signal line)  
2x 0.34 mm<sup>2</sup> (Power supply)  
1x 0.38 mm<sup>2</sup> (Drain wire)  
Wire diameter incl. insulation 2.55 mm (Signal line)  
1.37 mm (Power supply)  
External cable diameter 8.30 mm ±0.3 mm  
Outer sheath, material PVC  
External sheath, color black  
Conductor material Tin-plated Cu litz wires  
Material wire insulation Foamed PP (Signal line)  
PVC (Power supply)  
Single wire, color red-black, blue-white  
Thickness, insulation ≥ 0.30 mm (Wire insulation power supply)  
Thickness, outer sheath ≥ 1.00 mm  
Twisted pairs 2 cores to the pair  
Type of pair shielding Aluminum-lined polyester foil  
Overall twist 2 pairs with filler elements, around a drain wire in the center to the core  
Optical shield covering 85 %  
Max. conductor resistance ≤ 56 Ω/km  
Insulation resistance ≥ 20 MΩ\*km  
Wave impedance 120 Ω ±12 Ω (f = 1 MHz)  
Working capacitance approx. 39.8 nF (Signal line, line-line)  
≤ 4000 pF (Signal line, line-shield)  
Nominal voltage, cable ≤ 300 V  
Test voltage 2000 V (50 Hz, 1 min.)  
Minimum bending radius, fixed installation 4 x D  
Minimum be...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 2,0-927/M12FS VA 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.