

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/ 0,3-927/M12FS VA 1402944 PHOENIX CONTACT Sensor/actuator cable SAC-5P-M12MS/ 0,3-927/M12FS VA ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 0,3-927/M12FS VA



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-5P-M12MS/ 0,3-927/M12FS VA |
| Catalog number  | 1402944                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-84C39A7EBB                  |
| Generated       | 2026-08-06                     |

## Product Overview

Sensor/actuator cable - SAC-5P-M12MS/ 0,3-927/M12FS VA - 1402944

Sensor/actuator cable, 5-pole, PVC, black

**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

Sensor/actuator cable, 5-position, PVC, black

Key Commercial Data

Orderkey 1402944

Packing unit 1

GTIN 4046356637626

Custom tariff number 85444290

General

Rated voltage 48 V AC

60 V DC

Number of positions 5

Cable

Cable type DeviceNet™

Cable type (abbreviation) 927  
UL AWM style 2464 (80°C/300 V)  
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)  
AWG signal line 22  
AWG power supply 22  
Conductor structure signal line 44x 0.10 mm  
Conductor structure, voltage supply 44x 0.10 mm  
Core diameter including insulation 2.55 mm (Signal line)  
1.37 mm (Power supply)  
Thickness, insulation  $\geq 0.3$  mm (Wire insulation power supply)  
Wire colors Red-black, blue-white  
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  
Shielding Tinned copper braided shield  
Optical shield covering 85 %  
External sheath, color black  
Outer sheath thickness  $\geq 1$  mm  
External cable diameter D 8.3 mm  $\pm 0,3$  mm  
Minimum bending radius, fixed installation 4 x D  
Minimum bending radius, flexible installation 8 x D  
Cable weight 83 kg/km  
Outer sheath, material PVC  
Material conductor insulation Foamed PP (Signal line)  
PVC (Power supply)  
Conductor material Tin-plated Cu litz wires  
Insulation resistance  $\geq 20$  M $\Omega$ \*km  
Conductor resistance  $\leq 56$   $\Omega$ /km  
Working capacitance approx. 39.8 nF (Signal line, Core-Core)  
 $\leq 4000$  pF (Signal line, Core-Shield)  
Wave impedance 120  $\Omega$ ...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 0,3-927/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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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