

**INDUSTRIAL COMPONENT DATA**

# SAC-5P- 0,5-500/M12FS SH BK 1055321 PHOENIX CONTACT

## Sensor/actuator cable SAC-5P- 0,5-500/M12FS SH BK 1055321

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P- 0,5-500/M12FS SH BK



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-5P- 0,5-500/M12FS SH BK |
| Catalog number  | 1055321                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 100 Pcs                     |
| Document ID     | EO-DDD3CE643B               |
| Generated       | 2026-08-05                  |

### Product Overview

Sensor/actuator cable - SAC-5P- 0,5-500/M12FS SH BK - 1055321

Sensor/actuator cable, 1-pole, PVC, grey RAL 7001, shielded, free cable end, to Straight connection female M12, coding: A, cable length: 0.5 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

Sensor/actuator cable, 1-position, PVC, gray RAL 7001, shielded, free cable end, on Socket straight M12, A-coded, cable length: 0.5 m

Key Commercial Data

Orderkey 1055321

Packing unit 1

GTIN 4055626692838

Custom tariff number 85444290

Dimensions

Length of cable 0.5 m

General

Number of positions 1

Cable

Cable type PVC gray

Cable type (abbreviation) 500  
Cable abbreviation LiYCY  
Conductor cross section 0.34 mm<sup>2</sup>  
AWG signal line 22  
Conductor structure signal line 42x 0.10 mm  
Core diameter including insulation 1.35 mm ±0.02 mm  
Thickness, insulation ≥ 0.23 mm (Core insulation)  
≥ 0.76 mm (Outer cable sheath)  
Wire colors Brown, white, blue, black, gray  
Overall twist 5 wires around filler to the core  
Shielding Tinned copper braided shield  
Optical shield covering 85 %  
External sheath, color gray RAL 7001  
External cable diameter D 5.9 mm ±0.2 mm  
Cable weight 55 kg/km  
Outer sheath, material PVC  
Material, filler PVC  
Material conductor insulation PVC  
Conductor material Bare Cu litz wires  
Insulation resistance ≥ 1 G?·km (at 20 °C)  
Conductor resistance max. 58 ?/km (at 20 °C)  
Nominal voltage, cable ≤ 300 V  
Test voltage, cable ≥ 3000 V  
Flame resistance As per UL-Style 2464  
Ambient temperature (operation) -25 °C ... 80 °C (cable, fixed installation)  
-5 °C ... 80 °C (cable, flexible installation)  
Environmental Product Compliance  
China RoHS Environmentally friendly use period: unlimited = EFUP-e  
No hazardous substances above threshold values  
Classifications  
eCl@ss  
eCl@ss 6.0 27279200  
eCl@ss 7.0....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P- 0,5-500/M12FS 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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