

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-3,0-600/M12FR HD 1404054 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-3,0-600/M12FR HD



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-3,0-600/M12FR HD    |
| Catalog number  | 1404054                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-8E57497E88              |
| Generated       | 2026-08-04                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PP-EPDM, grey RAL 7035, free cable end, to M12 angled connection female, coding: A, cable length: 3 m, Hygienic design, with stainless steel knurling

Sensor/actuator cable, 5-position, PP-EPDM halogen-free, gray RAL 7035, free cable end, on Socket angled M12, coding: A, cable length: 3 m, Hygienic design, with high-grade steel knurl

**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 Sensor/actuator cable

Application Food processing industry

Number of positions 5

No. of cable outlets 1

Shielded no

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsSeal material FKM

Material of grip body PP

Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material PP  
Material for screw connection Stainless steel  
Electrical propertiesInsulation resistance  $\geq 100 \text{ M}\Omega$   
Nominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles  $\geq 100$   
SignalingStatus display no  
Status display present No  
Connection dataConductor connection  
Tightening torque 0.4 Nm (M12 connector)  
ConnectorConnection 1  
Type free cable end  
Connection 2  
Type Socket angled M12  
Number of positions 5  
Coding type A  
Cable/lineCable length 3 m  
Halogen-free PP gray [600]  
Dimensional drawing  
Cable weight 34 kg/km  
Number of positions 5  
Shielded no  
Cable type Halogen-free PP gray [600]  
Conductor structure signal line 42x 0.10 mm  
AWG signal line 22  
Conductor cross section 5x 0.34 mm<sup>2</sup> (Signal line)  
Wire diameter incl. insulation 1.27 mm  $\pm 0.02 \text{ mm}$  (Signal line)  
External cable diameter 5.00 mm  $\pm 0.15 \text{ mm}$   
Outer sheath, material PP-EPDM  
External sheath, color gray RAL 7035  
Conductor material Bare Cu litz wires  
Material wire insulation PP  
Single wire, color brown, white, blue, black, gray  
Thickness, insulation  $\geq 0.21 \text{ mm}$  (Core insulation)  
Thickness, outer sh...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-3,0-600/M12FR HD 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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