

## INDUSTRIAL COMPONENT DATA

# SAC-5P-M12MS/3,0-600/M12FR FB 1404105 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/3,0-600/M12FR FB



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-5P-M12MS/3,0-600/M12FR FB |
| Catalog number  | 1404105                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-ABE4327F33                 |
| Generated       | 2026-08-01                    |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PP-EPDM, grey RAL 7035, Straight male connector M12, coding: A, to Angled connection female M12, coding: A, cable length: 3 m, Hygienic design, with plastic knurling

## 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 &gt; Industrial Field Connectivity (IFC)

## Additional Product Information

Key Commercial Data

Orderkey 1404105

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356676571

Weight per Piece (excluding packing) 110.500 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 m

Ambient conditions

Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)

Degree of protection IP65  
IP67  
IP68  
IP69K  
General  
Rated current at 40°C 4 A  
Rated voltage 48 V AC  
60 V DC  
Number of positions 5  
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Coding A - standard  
Standards/regulations M12 connector IEC 61076-2-101  
Material conformance FDA 21 CFR 177.2600  
Status display No  
Protective circuit/component unwired  
Overvoltage category II  
Degree of pollution 3  
Insertion/withdrawal cycles  $\geq 100$   
Torque 0.4 Nm (M12 connector)  
Material  
Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material PP  
Material of grip body PP  
Material, knurls Polypropylene  
Sealing material FKM  
Standards and Regulations  
Standard designation M12 connector  
Standards/regulations IEC 61076-2-101  
Standard designation Material conformance  
Standards/regulations FDA 21 CFR 177.2600  
Cable  
Cable type Halogen-free PP gray  
Cable type (abbreviation) 600  
Cable abbreviation Li9Y9Y  
Conductor cross section  $5 \times 0.34 \text{ mm}^2$  (Signal line)  
AWG signal line 22  
Conductor structure signal line  $42 \times 0.10 \text{ mm}$   
Core diameter including insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$  (Signal line)  
Thickness, insulation  $\geq 0.21 \text{ mm}$  (Core insulation)  
Wire colors Brown, whit...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/3,0-600/M12FR FB 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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