

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-5,0-500/M12FR-3L FB 1421008 PHOENIX CONTACT

## Sensor/actuator cable SAC-5P-5,0-500/M12FR-3L FB 1421008

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-5,0-500/M12FR-3L FB



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-5,0-500/M12FR-3L FB |
| Catalog number  | 1421008                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-99724F4AD6              |
| Generated       | 2026-08-06                 |

### Product Overview

Sensor/actuator cable - SAC-5P-5,0-500/M12FR-3L FB - 1421008

Sensor/actuator cable, 5-pole, free cable end, to Female angled M12, coding: A, with 3 LEDs, cable length: 5 m, with stainless steel 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 > Industrial Field Connectivity (IFC) |
|--------------|-------------------------------------------------------|

### Additional Product Information

Sensor/actuator cable, 5-position, PVC, gray RAL 7001, free cable end, on Socket angled M12, A-coded, with 3 LEDs, cable length: 5 m, with high-grade steel knurl

Key Commercial Data

Orderkey 1421008

Packing unit 1

GTIN 4055626250380

Custom tariff number 85444290

Dimensions

Length of cable 5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

IP69K

General

Rated current at 40°C 4 A

Rated voltage 24 V DC

Number of positions 5

Insulation resistance  $\geq 100 \text{ M}\Omega$

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Status display 3 LEDs

Protective circuit/component unwired

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$

Material

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PP

Material of grip body PP

Material, knurls Stainless steel 1.4404

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Cable

Cable type PVC gray

Cable type (abbreviation) PVC

Cable abbreviation LiYY

UL AWM style 2464 / 1729 (80°C/300 V)

Conductor cross section  $5 \times 0.34 \text{ mm}^2$  (Signal line)

AWG signal line 22

Conductor structure signal line  $19 \times 0.15 \text{ mm}$

Core diameter including insulation  $1.26 \text{ mm} \pm 0.05 \text{ mm}$

Thickness, insulation  $\geq 0.23 \text{ mm}$  (Core insulation)

Wire colors brown, white, blue, black, green-yellow

Overall twist 5 wires around filler to the core

External sheath, color gray RAL 7001

Outer sheath thickness  $\geq 0.76 \text{ mm}$

Ex...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-5,0-500/M12FR-3L 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

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

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.