

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M12MS/0,6-500/M12FR FB 1420983 PHOENIX

## CONTACT Sensor/actuator cable

### SAC-4P-M12MS/0,6-500/M12FR FB 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/0,6-500/M12FR FB



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-4P-M12MS/0,6-500/M12FR FB |
| Catalog number  | 1420983                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-EE11ECDD4E                 |
| Generated       | 2026-08-04                    |

## Product Overview

Sensor/actuator cable - SAC-4P-M12MS/0,6-500/M12FR FB - 1420983

Sensor/actuator cable, 4-pole, PVC, grey RAL 7001, Straight male connector M12, coding: A, to Angled connection female M12, coding: A, cable length: 0.6 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, 4-position, PVC, gray RAL 7001, Plug straight M12, A-coded, on Socket angled M12, A-coded, cable length: 0.6 m, with high-grade steel knurl

Key Commercial Data

Orderkey 1420983

Packing unit 1

GTIN 4055626250137

Custom tariff number 85444290

Dimensions

Length of cable 0.6 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 250 V AC

250 V DC

Number of positions 4

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

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

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 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  $4 \times 0.34 \text{ mm}^2$  (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

Overall twist 4 wires, twisted

External sheath, color gray RAL 7001

Outer sheath thickness  $\geq 0.5 \text{ mm}$

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/0,6-500/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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