

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M12MS/0,6-800/M12FR3LVW 1423742 PHOENIX

## CONTACT Sensor/actuator cable

### SAC-4P-M12MS/0,6-800/M12FR3LVW ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/0,6-800/M12FR3LVW



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-4P-M12MS/0,6-800/M12FR3LVW |
| Catalog number  | 1423742                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-EB4D15CD0F                  |
| Generated       | 2026-08-05                     |

## Product Overview

Sensor/actuator cable - SAC-4P-M12MS/0,6-800/M12FR3LVW - 1423742

Sensor/actuator cable, 4-position, PUR halogen-free, resistant to welding sparks, highly flexible, gray RAL 7001, Plug straight M12, coding: A, on Socket angled M12, coding: A, with 3 LEDs, cable length: 0.6 m, for robots and drag chains

**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

Number of positions 4

Electrical propertiesNominal voltage UN 24 V DC

ConnectorConnection 1

Type Plug straight M12

Number of positions 4

Coding type A

Connection 2

Type Socket angled M12

Number of positions 4

Coding type A

Cable/lineCable length 0.6 m

Gray, highly flexible PUR [800]

Dimensional drawing

Note Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.

Cable weight 33.5 kg/km

UL AWM Style 20549

Number of positions 4

Shielded no

Cable type Gray, highly flexible PUR [800]

Conductor structure signal line 42x 0.10 mm

AWG signal line 22

Conductor cross section 4x 0.34 mm<sup>2</sup> (Signal line)

Wire diameter incl. insulation 1.3 mm ±0.05 mm (Signal line)

External cable diameter 4.80 mm ±0.2 mm

Outer sheath, material PUR

External sheath, color gray RAL 7001

Conductor material Bare Cu litz wires

Material wire insulation PP

Single wire, color brown, white, blue, black

Overall twist 4 wires, twisted

Max. conductor resistance approx. 53  $\Omega$ /km

Insulation resistance  $\geq 20 \text{ M}\Omega\cdot\text{km}$

Nominal voltage, cable 300 V

Test voltage 2000 V

Minimum bending radius, fixed installation 4 x D

Minimum bending radius, flexible installation 7.5 x D

Smallest bending radius, fixed installation 20 mm

Smallest bending radius, movable installation 36 mm

Dynamic load capacity (bending) Max. bending cycles: 10000000, Bending radius: 7,5 x D, Traversing path: 5 m, Traversing rate: 3.3 m/s, Acceleration: 5 m/s<sup>2</sup>....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/0,6-800/M12FR3LVW 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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