

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
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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)
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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/line Cable 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 mm² (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 Ω/km

Insulation resistance ≥ 20 MΩ*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/s²....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/0,6-800/M12FR3LVW with the required quantity to info@electricaonline.com or use 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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