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

PRODUCT IMAGE\nNOT AVAILABLE

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-95BB6A8D97
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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)

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 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 ?/km
Insulation resistance >= 20 M?*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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