

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/8,0-800/M12FR3LVW 1423751 PHOENIX CONTACT Sensor/actuator cable

SAC-4P-M12MS/8,0-800/M12FR3LVW ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/8,0-800/M12FR3LVW



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/8,0-800/M12FR3LVW
Catalog number	1423751
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-A9DFAE37AD
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Product Overview

Sensor/actuator cable - SAC-4P-M12MS/8,0-800/M12FR3LVW - 1423751

Sensor/actuator cable, 4-pole, halogen-free, solder-spark-resistant, highly flexible, grey RAL 7001, Straight connector M12, coding: A, with 3 LEDs, to Angled female M12, coding: A, with 3 LEDs, cable length: 8 m, for robotics 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

Sensor/actuator cable, 4-position, PUR halogen-free, resistant to welding sparks, highly flexible, gray RAL 7001, Plug straight M12, A-coded, on Socket angled M12, A-coded, with 3 LEDs, cable length: 8 m, for robots and drag chains

Key Commercial Data

Orderkey 1423751

Packing unit 1

GTIN 4055626352473

Custom tariff number 85444290

Dimensions

Length of cable 8 m

Ambient conditions

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

General

Rated current at 40°C 4 A

Rated voltage 24 V

24 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 3 LEDs

Protective circuit/component unwired

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Material

Flammability rating according to UL 94 HB

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Flammability rating according to UL 94 HB

Cable

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

Cable type Gray, highly flexible PUR

Cable type (abbreviation) 800

Cable abbreviation Li12YYPTE-HF

UL AWM style 20233

Conductor cross section $4 \times 0.34 \text{ mm}^2$ (Signal line)

AWG signal line 22

Conductor structure s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/8,0-800/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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