

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/25,0-500/M12FS 1425242 PHOENIX CONTACT

Sensor/actuator cable SAC-4P-M12MS/25,0-500/M12FS 1425242

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/25,0-500/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/25,0-500/M12FS
Catalog number	1425242
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-3DB38C46BF
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Product Overview

Sensor/actuator cable - SAC-4P-M12MS/25,0-500/M12FS - 1425242

Sensor/actuator cable, 4-pole, PVC, grey RAL 7001, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, cable length: 25 m

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, PVC, gray RAL 7001, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 25 m

Key Commercial Data

Orderkey 1425242

Packing unit 1

GTIN 4055626387628

Custom tariff number 85444290

Dimensions

Length of cable 25 m

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC

Number of positions 4

Insulation resistance $\geq 10 \text{ M}\Omega$

Coding A - standard

Overvoltage category II

Degree of pollution 3

Torque 0.4 Nm

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

Standards and Regulations

Flammability rating according to UL 94 HB

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 $\geq 0.76 \text{ mm}$

External cable diameter $D 4.7 \text{ mm} \pm 0.15 \text{ mm}$

Minimum bending radius, fixed installation $5 \times D$

Minimum bending radius, flexible installation $10 \times D$

Cable weight 40 kg/km

Outer sheath, material PVC

Ma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/25,0-500/M12FS 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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