

INDUSTRIAL COMPONENT DATA

SAC-4P-M12FR/30,0-500/M12FR 1530951 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12FR/30,0-500/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12FR/30,0-500/M12FR
Catalog number	1530951
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-F57F876BB3
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, PVC, grey RAL 7001, Angled connection female M12, coding: A, a Elbowed connection female M12, coding: A, cable length: 30 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)

Additional Product Information

Key Commercial Data

Orderkey 1530951

Packing unit 1

GTIN 4017918990473

Custom tariff number 85444290

Dimensions

Length of cable 30 m

Ambient conditions

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

Degree of protection IP67

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC
Number of positions 4
Insulation resistance $\geq 100 \text{ M}\Omega$
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
Torque 0.4 Nm
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
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
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
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance $\geq 200 \text{ M}\Omega \cdot \text{km}$ (at 20°C)
Conductor resistance max. $57 \text{ m}\Omega/\text{km}$ (at 20°C)
Nominal voltage...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12FR/30,0-500/M12FR 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.