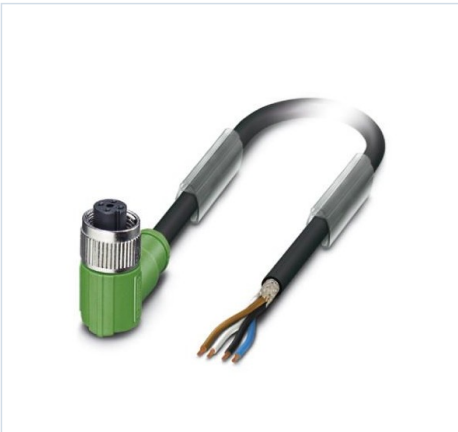


INDUSTRIAL COMPONENT DATA

SAC-4P-45,0-500/M12FR SH 1006700 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-45,0-500/M12FR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-45,0-500/M12FR SH
Catalog number	1006700
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-9D055676DE
Generated	2026-08-05

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, PVC, grey RAL 7001, shielded, free cable end, to Elbow connection female M12, coding: A, cable length: 45 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

Key Commercial Data

Orderkey 1006700

Packing unit 1

GTIN 4055626477954

Custom tariff number 85444290

Dimensions

Length of cable 45 m

Stripping length of the free conductor end 50 mm

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 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
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
Flammability rating according to UL 94 HB
Cable
Cable type PVC gray
Cable type (abbreviation) 500
Conductor cross section 0.34 mm^2
AWG signal line 22
Conductor structure signal line $42 \times 0.10 \text{ mm}$
Core diameter including insulation $1.4 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)
 $\geq 0.76 \text{ mm}$ (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color gray RAL 7001
External cable diameter 5.90 mm
Cable weight 57 kg/km
Outer sheath, material PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance $\geq 1 \text{ G}\Omega \cdot \text{km}$
Conductor resistance max. $58 \text{ }\Omega/\text{km}$
Nominal voltage, cable 300 V
Test voltage, cable 3000 V
Special prop...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-45,0-500/M12FR SH 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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