

INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-540/M12FR BK 1400502 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-540/M12FR BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-540/M12FR BK
Catalog number	1400502
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-23A56A3E79
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-pole, PVC, yellow, free cable end, to Angled Connection Female M12, coding: A, cable length: 5 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 1400502

Packing unit 1

GTIN 4046356498654

Custom tariff number 85444290

Dimensions

Length of cable 5 m

Stripping length of the free conductor end 50 mm

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 3
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
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 yellow
Cable type (abbreviation) 540
Cable abbreviation LiYY
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 $1.45 \text{ mm} \pm 0.05 \text{ mm}$
Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)
 $\geq 0.76 \text{ mm}$ (Outer cable sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color yellow
External cable diameter D $5.2 \text{ mm} \pm 0.2 \text{ mm}$
Cable weight 40 kg/km
Outer sheath, material PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance $\geq 1 \text{ G}\Omega \cdot \text{km}$ (at 20°C)
Conductor resistance max. $58 \text{ m}\Omega/\text{km}$ (at 20°C)
Nominal voltage, cable...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-540/M12FR BK 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.