

INDUSTRIAL COMPONENT DATA

SAC-3P-M12Y/2X0,5-PUR/M12FR SO 1543854 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X0,5-PUR/M12FR SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12Y/2X0,5-PUR/M12FR SO
Catalog number	1543854
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-5ECA305610
Generated	2026-08-05

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-Pole, M12 Straight Connector, Encoding: A, to M12 Elbow Female, Coding: A and M12 Elbow Female, Coding: A, Cable Length: 0.5 m, Customer Variant

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight connector M12, coding: A, to Elbow female M12, coding: A and Elbow female M12, coding: A, cable length: 0.5 m, Customer variant

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 1543854

Packing unit 1

GTIN 4046356103435

Custom tariff number 85444290

Dimensions

Length of cable 0.5 m

Ambient conditions

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

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 3

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Torque 0.4 Nm (M12 connector)

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

Pin assignment

Contact | Color (signal designation) | Contact (optional) 1 (Plug) | BN | 1 (Socket 1) | 1 (Socket 2)

4 (Plug) | BK | 3 (Socket 1)

2 (Plug) | BU | 3 (Socket 2)

3 (Plug) | N.C.

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Flammability rating according to UL 94 HB

Cable

Cable type PUR/PVC black

Cable type (abbreviation) 350

Cable abbreviation LiYY-11Y

UL AWM style 20549 / 1729

Conductor cross section 0.34 mm^2

Conductor structure signal line 42x 0.10 mm

Core diameter including insulation $1.5 \text{ mm} \pm 0.05 \text{ mm}$ Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)

Wire colors brown, blue, black

Ove...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X0,5-PUR/M12FR SO 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.