

INDUSTRIAL COMPONENT DATA

SAC-3P-M12Y/2X1,5-PUR/M12FS 1682553 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X1,5-PUR/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12Y/2X1,5-PUR/M12FS
Catalog number	1682553
Category	Sensor-actuator patch cord
Minimum order	5 Pcs
Document ID	EO-B3B81DC870
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-pole, M12 straight connector, encoding: A, to M12 straight female, coding: A and M12 straight female, coding: A, cable length: 1.5 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 1682553

Packing unit 5 pc

Minimum order quantity 5 pc

Note Made to Order (non-returnable)

GTIN 4017918379384

Weight per Piece (excluding packing) 106.310 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 1.5 m

Ambient conditions

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 ≥ 10 G?

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 PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y

UL AWM style 20549

Conductor cross section 3×0.34 mm² (Signal line)

AWG signal line 22

Conductor structure signal line 42×0.10 mm

Core diameter including insulation 1.27 mm ± 0.02 mm (Signal line)

Thickness, insulation ≥ 0.21 mm (Core insulation)

approx. 0.5 mm (Outer cable sheath)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color black-gray RAL 7021

External cable diameter D 3.85 mm ± 0.15 mm

Smallest bending radius, fixed installation 19 mm

Smallest bending...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X1,5-PUR/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

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.