

INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/0,5-PUR BKOBS 345 1094060 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR halogen-free, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/0,5-PUR BKOBS 345



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/0,5-PUR BKOBS 345
Catalog number	1094060
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-A16C8C3E5E
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on free cable end, cable length: 0.5 m, Wiring: 1=nc, 2=BN, 3=nc, 4=BK, 5=BU

Sensor/actuator cable, 5-pole, halogen-free PUR, grey RAL 7001, M12 straight male connector, coding: A, to free cable end, cable length: 0.5 m, Circuit: 1=nc, 2=BN, 3=nc, 4=BK, 5=BU

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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 5

No. of cable outlets 1

Shielded no

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material NBR

Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material for screw connection Zinc die-cast, nickel-plated

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

Nominal voltage UN 250 V AC

250 V DC

Nominal current IN 4 A

Mechanical properties Mechanical data

Insertion/withdrawal cycles ≥ 100

Connector Connection 1

Type Plug straight M12

Coding type A

Connection 2

Type free cable end

Cable/line Cable length 0.5 m

PUR halogen-free gray [280]

Dimensional drawing

Cable weight 23.42 kg/km

UL AWM Style 20549 / 10493 (80°C/300 V)

Shielded no

Cable type PUR halogen-free gray [280]

Conductor structure signal line 42x 0.10 mm

AWG signal line 22

Conductor cross section 3x 0.34 mm² (Signal line)

Wire diameter incl. insulation 1.27 mm $\pm 0.05 \text{ mm}$

External cable diameter 3.95 mm $\pm 0.15 \text{ mm}$

Outer sheath, material PUR

External sheath, color gray RAL 7001

Conductor material Bare Cu litz wires

Material wire insulation PP

Single wire, color brown, blue, black

Thickness, insulation $\geq 0.20 \text{ mm}$

Thickness, outer sheath approx. 0.40 mm

Overall twist 3 wires, twisted

Max. conductor resistance $\leq 58 \text{ }\Omega/\text{km}$

Insulation resistance $\geq \dots$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/0,5-PUR BKOBS 345 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.