

INDUSTRIAL COMPONENT DATA

SAC-3P-P12MR/ 3,0-PUR SH 1476800 PHOENIX CONTACT

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish bl..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-P12MR/ 3,0-PUR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-P12MR/ 3,0-PUR SH
Catalog number	1476800
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-A3DCF20987
Generated	2026-08-03

Product Overview

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, shielded (Advanced Shielding Technology), M12 Push-pull angled connector, coding: A, to free cable end, cable length: 3 m

Cable for sensors/actuators

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug angled M12 Push Pull, coding: A, connected with unwired, on free cable end, cable length: 3 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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 3

Application Standard

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsMaterial PK

Flammability rating according to UL 94 V0

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

Contact material CuSn

Contact surface material Ni/Au

Outer sheath, material PUR

Conductor material Bare Cu litz wires

Electrical propertiesContact resistance $\leq 5 \text{ m}\Omega$

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

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Protective circuit unwired

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

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

Max. bending cycles 10000000

SignalingStatus display No

Status display present No

Connection dataConductor connection

Tightening torque M12 push-pull connectors

ConnectorConnection 1

Type Plug angled M12 Push Pull

Number of positions 3

Locking type Push Pull

Coding type A

Connection 2

Type free cable end

Cable/lineCable length 3 m

PUR halogen-free black [PUR]

Cable weight 31 kg/km

UL AWM Style 20549

Number of positions 3

Shielded yes

Cable type PUR halogen-free black [PUR]

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 $\pm 0.02 \text{ mm}$ (Signal line)

External cable diameter 4.65 mm $\pm 0.15 \text{ mm}$

Outer sheath, material PUR

External sheath, color...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-P12MR/ 3,0-PUR 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

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.