

INDUSTRIAL COMPONENT DATA

SAC-4P-P12MS/ 5,0-PUR SH 1476853 PHOENIX CONTACT

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish bl..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-P12MS/ 5,0-PUR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-P12MS/ 5,0-PUR SH
Catalog number	1476853
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-DC44395E9C
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded (Advanced Shielding Technology), Straight M12 Push-pull connector, coding: A, to free cable end, cable length: 5 m

Sensor/Actuator Cable, 4-Pole, Halogen-Free PUR, Greyish Black RAL 7021, Shielded (Advanced Shielding Technology), M12 Push-Pull Straight Male Connector, Encoding: A, To Free Cable End, Cable Length: 5 m

Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug straight M12 Push Pull, coding: A, on free cable end, 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

Technical dataMountingConnection method Push-Pull

Product propertiesProduct type Sensor/actuator cable

Number of positions 4

Application Standard

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specifications Flammability rating according to UL 94 V0

Outer sheath, material PUR

Conductor material Bare Cu litz wires

Electrical properties Contact 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 $58 \text{ m}\Omega/\text{km}$

Mechanical properties Mechanical data

Insertion/withdrawal cycles ≥ 100

Max. bending cycles 10000000

Signaling Status display No

Status display present No

Connection data Connection technology

Connection method Push-Pull

Conductor connection

Connection method Push-Pull

Connector Connection 1

Type Plug straight M12 Push Pull

Locking type Push Pull

Coding type A

Connection 2

Type free cable end

Cable/line Cable length 5 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 36 kg/km

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

Number of positions 4

Shielded yes

Cable type PUR halogen-free black [PUR]

Conductor structure signal line 42x 0.10 mm

AWG signal line 22

Conductor cross section 4x 0.34 mm² (Signal line)

Wire diameter incl. insulation 1.27 mm $\pm 0.02 \text{ mm}$ (Signal line)

External cable diameter 4.95 mm $\pm 0.2 \text{ mm}$

Outer sheath, material PUR

External sheath, color black-gray RAL 7021

Conductor material...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-P12MS/ 5,0-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.