

INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/1,5-PUR/M12FS 4-2 1401334 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/1,5-PUR/M12FS 4-2



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/1,5-PUR/M12FS 4-2
Catalog number	1401334
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-1E41DAB4B1
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight male connector M12, to Straight connection female M12, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1401334

Packing unit 1

GTIN 4046356549455

Custom tariff number 85444290

Dimensions

Length of cable 1.5 m

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC
Number of positions 3
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
Torque 0.4 Nm
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section $3 \times 0.34 \text{ mm}^2$ (Signal line)
AWG signal line 22
Conductor structure signal line $42 \times 0.10 \text{ mm}$
Core diameter including insulation $1.27 \text{ mm} \pm 0.02 \text{ mm}$ (Signal line)
Thickness, insulation $\geq 0.21 \text{ mm}$ (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 $D 3.85 \text{ mm} \pm 0.15 \text{ mm}$
Smallest bending radius, fixed installation 19 mm
Smallest bending radius, movable installation 38 mm
Number of bending cycles 10000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s^2
Cable weight 23 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance $\geq 100 \text{ G}\Omega\cdot\text{km}$ (at 20°C)
Conductor resistance max. $58 \text{ }\Omega/\text{km}$ (at 20°C)
Nominal voltage, cable $\leq 300 \text{ V}$
Test voltage, cable $\geq 3000 \text{ V}$
Special properties Flexible cable conduit capable
Silicone-free
Free of substances which would hinder coating wit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,5-PUR/M12FS 4-2 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

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