

INDUSTRIAL COMPONENT DATA

SAC-8P-10,0-PUR/M12FR VA SO 1554225 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-10,0-PUR/M12FR VA SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-10,0-PUR/M12FR VA SO
Catalog number	1554225
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-3EC1211103
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, free cable end, to Elbow connection female M12, cable length: 10 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 1554225

Packing unit 5 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356160247

Weight per Piece (excluding packing) 283.900 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 10 m

General

Rated voltage 30 V AC

30 V DC
Number of positions 8
Coding A - standard
Insertion/withdrawal cycles ≥ 100
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y-HF
Conductor cross section $4 \times 0.25 \text{ mm}^2$ (Signal line)
AWG signal line 24
Conductor structure signal line $32 \times 0.10 \text{ mm}$
Core diameter including insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$ (Signal line)
Thickness, insulation $\geq 0.21 \text{ mm}$ (Core insulation)
approx. 0.5 mm (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
External sheath, color black-gray RAL 7021
External cable diameter $D 3.95 \text{ mm} \pm 0.15 \text{ mm}$
Smallest bending radius, fixed installation 20 mm
Smallest bending radius, movable installation 40 mm
Number of bending cycles 10000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 5 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. $78 \text{ m}\Omega/\text{km}$ (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 hi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-10,0-PUR/M12FR VA SO 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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