

INDUSTRIAL COMPONENT DATA

SAC-3P-M8FR/1,85-PUR/M8FRSH AI 1402366 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M8FR/1,85-PUR/M8FRSH AI



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M8FR/1,85-PUR/M8FRSH AI
Catalog number	1402366
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-33B7B39D56
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, halogen-free PUR, greyish black RAL 7021, shielded

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 1402366

Packing unit 1

GTIN 4046356608985

Custom tariff number 85444290

General

Rated voltage 48 V AC

60 V DC

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y-V1-C-V1-11Y

UL AWM style 20549

Conductor cross section 3x 0.25 mm² (Signal line)

AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm $\pm$ 0.02 mm (Signal line)
Thickness, insulation $\geq$ 0.21 mm (Core insulation)
 $\geq$ 0.5 mm (Outer cable sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
Shielding Braided copper wires
Optical shield covering 80 %
External sheath, color black-gray RAL 7021
External cable diameter D 4.35 mm $\pm$ 0.2 mm
Smallest bending radius, fixed installation 22 mm
Smallest bending radius, movable installation 44 mm
Number of bending cycles 10000000
Bending radius 50 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 26 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance $\geq$ 100 G $\cdot$ km
Conductor resistance max. 79 Ω /km
Nominal voltage, cable 300 V
Test voltage, cable 3000 V
Special properties Flexible cable conduit capable
Silicone-free
Free of substances which would hinder coating with paint or varnish
Flame resistance in accordance with UL 758/1581 FT2
DIN EN 60332-2-2 (20 s)
Halogen-free in accordance with DIN VDE 0472 part 815
Resistance to oil in accordance with DIN E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M8FR/1,85-PUR/M8FRSH AI 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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