INDUSTRIAL COMPONENT DATA

SAC-3P-M12Y/2X0,5-PUR/M12FR SO 1543854 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X0,5-PUR/M12FR SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12Y/2X0,5-PUR/M12FR SO
Catalog number	1543854
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-A396A08137
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Product Overview

Sensor/actuator cable
Sensor/Actuator Cable, 3-Pole, M12 Straight Connector, Encoding: A, to M12 Elbow Female, Coding: A and M12 Elbow Female, Coding: A, Cable Length: 0.5 m, Customer Variant
Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight connector M12, coding: A, to Elbow female M12, coding: A and Elbow female M12, coding: A, cable length: 0.5 m, Customer variant

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 1543854
Packing unit 1
GTIN 4046356103435
Custom tariff number 85444290
Dimensions
Length of cable 0.5 m
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
Degree of protection IP65
IP67

IP68
General
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 3
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.4 Nm (M12 connector)
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Pin assignment
Contact | Color (signal designation) | Contact (optional) 1 (Plug) | BN | 1 (Socket 1) | 1 (Socket 2)
4 (Plug) | BK | 3 (Socket 1)
2 (Plug) | BU | 3 (Socket 2)
3 (Plug) | N.C.
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 HB
Cable
Cable type PUR/PVC black
Cable type (abbreviation) 350
Cable abbreviation LiYY-11Y
UL AWM style 20549 / 1729
Conductor cross section 0.34 mm²
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.5 mm ±0.05 mm
Thickness, insulation >= 0.23 mm (Core insulation)
Wire colors brown, blue, black
Ove...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X0,5-PUR/M12FR 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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