INDUSTRIAL COMPONENT DATA

SAC-3P-20,0-PUR/M12FS 1693982 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-20,0-PUR/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-20,0-PUR/M12FS
Catalog number	1693982
Category	Sensor-actuator patch cord
Minimum order	5 Pcs
Document ID	EO-07C34585BA
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Product Overview

Sensor/actuator cable
Sensor/actuator cable, 3-pole halogen-free, free cable end, to Straight female M12, coding: A, cable length: 20 m
Sensor/actuator cable, 3-pole, PUR halogen-free, black-grey RAL 7021, free end of cable, on socket straight M12, coding: A, cable length: 20 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 1693982
Packing unit 1
GTIN 4017918453022
Custom tariff number 85444290
Dimensions
Length of cable 20 m
Stripping length of the free conductor end 50 mm
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 250 V AC
250 V DC
Number of positions 3
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.4 Nm
Material
Contact material CuSn
Contact surface material Ni/Au
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section 3x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 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 mm ±0.15 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/s²
Cable weight 23 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance >= 100 G?*km (at 20 °C)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-20,0-PUR/M12FS 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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