INDUSTRIAL COMPONENT DATA

SAC-3P-M 8MS/0,3-PUR/M 8FR-2L 1681981 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/0,3-PUR/M 8FR-2L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/0,3-PUR/M 8FR-2L
Catalog number	1681981
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-D18B40702D
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 3-pole halogen-free, M8 straight connector, coding: A, with 2 LEDs, to M8 angled female, with 2 LEDs, cable length: 0.3 m
Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, coding: A, with 2 LEDs, on Socket angled M8, coding: A, with 2 LEDs, cable length: 0.3 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 1681981
Packing unit 1 pc
Catalog page Page 194 (C-2-2017)
GTIN 4017918158644
Weight per Piece (excluding packing) 15.300 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 0.3 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 24 V
24 V DC
Number of positions 3
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M8 connector IEC 61076-2-104
Status display 2 LEDs
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.2 Nm (M8 connectors)
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
Standards and Regulations
Standard designation M8 connector
Standards/regulations IEC 61076-2-104
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y-HF
UL AWM style 20549
Conductor cross section 3x 0.25 mm²
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation >= 0.21 mm (Core insulation)
Wire colors brown, blue, black
Overall twist 3 wir...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/0,3-PUR/M 8FR-2L 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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