INDUSTRIAL COMPONENT DATA

SAC-2P-M8Y/2X 0,2-PVC/BI-1L180 1012549 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M8Y/2X 0,2-PVC/BI-1L180

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-M8Y/2X 0,2-PVC/BI-1L180
Catalog number	1012549
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-DA045B12F7
Generated	2026-11-19

Product Overview

Sensor/actuator cable

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 1012549
Packing unit 1
GTIN 4055626491233
Custom tariff number 85444290
Dimensions
Length of cable 0.2 m
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 M8 connector IEC 61076-2-104

Status display 1 LED
Overvoltage category III
Degree of pollution 3
Material
Flammability rating according to UL 94 V0
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Valve plug contact material CuSn
Valve plug contact surface material Sn
Valve plug contact insert material PA 6.6
Material housing valve plug TPU
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR (Seal molded)
Standards and Regulations
Standard designation M8 connector
Standards/regulations IEC 61076-2-104
Flammability rating according to UL 94 V0
Cable
Cable type PVC black
Cable type (abbreviation) PVC
Cable abbreviation LiYY
UL AWM style 2464
Conductor cross section 2x 0.5 mm²
AWG signal line 20
Conductor structure signal line 16x 0.20 mm
Core diameter including insulation 1.5 mm ±0.05 mm
Wire colors brown, blue
External sheath, color black RAL 9005
External cable diameter D 4.8 mm ±0.2 mm
Minimum bending radius, fixed installation 5 x D
Cable weight 34.9 kg/km
Outer sheath, material PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance >= 20 M?*km
Conductor resistance 39 ?/km (at 20 °C)
Nominal vo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M8Y/2X 0,2-PVC/BI-1L180 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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