

INDUSTRIAL COMPONENT DATA

SAC-3P-M12Y/2X 5,0-PUR/M8FR-2L 1683523 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X 5,0-PUR/M8FR-2L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12Y/2X 5,0-PUR/M8FR-2L
Catalog number	1683523
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, M12 straight connector, coding: A, with 2 LEDs, to Elbowed Female M8, coding: A, with 2 LEDs, cable length: 5 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 1683523

Packing unit 5 pc

Minimum order quantity 25 pc

GTIN 4017918417857

Weight per Piece (excluding packing) 212.600 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 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 24 V

24 V DC

Number of positions 3

Insulation resistance $\geq 10\text{ G}\Omega$

Coding A - standard

Status display 2 LEDs

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

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

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 $3 \times 0.25\text{ mm}^2$

AWG signal line 24

Conductor structure signal line $32 \times 0.10\text{ mm}$

Core diameter including insulation $1.17\text{ mm} \pm 0.02\text{ mm}$

Thickness, insulation $\geq 0.21\text{ mm}$ (Core insulation)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

Length of twist, overall twist 40 mm

External sheath, color black-gray RAL 7021

Outer sheath thickness approx. 0.5 mm

External cable diameter $D\ 3.6\text{ mm} \pm 0.15\text{ mm}$

Smallest bending radius,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X 5,0-PUR/M8FR-2L with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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