

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M12Y/2X0,6-PUR/M12FR2LB 1669042 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X0,6-PUR/M12FR2LB



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-3P-M12Y/2X0,6-PUR/M12FR2LB |
| Catalog number  | 1669042                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-B4A31E5243                  |
| Generated       | 2026-08-02                     |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole halogen-free, M12 straight connector, coding: A, to M12 angled female, coding: A, with 2 LEDs, bridged 2+4 PIN and M12 angled female, coding: A, with 2 LEDs, bridged 2+4 PIN, cable length: 0.6 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 1669042

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 256 (C-2-2017)

GTIN 4017918135997

Weight per Piece (excluding packing) 61.700 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 0.6 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  $\geq 100\text{ M}\Omega$   
Coding A - standard  
Standards/regulations M12 connector IEC 61076-2-101  
Status display 2 LEDs  
Overvoltage category II  
Degree of pollution 3  
Insertion/withdrawal cycles  $\geq 100$   
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  
Standards and Regulations  
Standard designation M12 connector  
Standards/regulations IEC 61076-2-101  
Flammability rating according to UL 94 HB  
Cable  
Cable type PUR halogen-free black  
Cable type (abbreviation) PUR  
Cable abbreviation Li9Y11Y  
UL AWM style 20549  
Conductor cross section  $3 \times 0.34\text{ mm}^2$  (Signal line)  
AWG signal line 22  
Conductor structure signal line  $42 \times 0.10\text{ mm}$   
Core diameter including insulation  $1.27\text{ mm} \pm 0.02\text{ mm}$  (Signal line)  
Thickness, insulation  $\geq 0.21\text{ mm}$  (Core insulation)  
approx. 0.5 mm (Outer ca...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X0,6-PUR/M12FR2LB with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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