

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M12Y/2X3,0-PUR/M 8FR-2LS 1534012 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X3,0-PUR/M 8FR-2LS



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | SAC-3P-M12Y/2X3,0-PUR/M 8FR-2LS |
| Catalog number  | 1534012                         |
| Category        | Sensor-actuator patch cord      |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-C2C9EF8820                   |
| Generated       | 2026-08-05                      |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, halogen-free PUR, greyish black RAL 7021, cable length: 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 &gt; Industrial Field Connectivity (IFC)

## Additional Product Information

Key Commercial Data

Orderkey 1534012

Packing unit 5 pc

Note Made to Order (non-returnable)

GTIN 4017918993559

Weight per Piece (excluding packing) 185.650 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 m

General

Rated voltage 24 V DC

Coding A - standard

Insertion/withdrawal cycles &gt;= 100

**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 mm<sup>2</sup>

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 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 mm ±0.15 mm

Smallest bending radius, fixed installation 18 mm

Smallest bending radius, movable installation 36 mm

Number of bending cycles 10000000

Bending radius 44 mm

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s<sup>2</sup>

Cable weight 18 kg/km

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance ≥ 100 G?·km (at 20 °C)

Conductor resistance ≤ 78 ?/km (at 20 °C)

Nominal voltage, cable ≤ 300 V

Test voltage, cable ≥ 3000 V

Special properties Flexible cable conduit capable

Silicone-free

Free of substances which would hinder coating with paint or varnish

Flame...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / SAC-3P-M12Y/2X3,0-PUR/M 8FR-2LS 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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