

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M12Y/2X1,0-140/M12FS 1502303 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X1,0-140/M12FS



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-3P-M12Y/2X1,0-140/M12FS |
| Catalog number  | 1502303                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 50 Pcs                      |
| Document ID     | EO-71C8810830               |
| Generated       | 2026-08-06                  |

### Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-Pole, PUR/PVC, Yellow, M12 Straight Connector, A, to M12 Straight Female, A12 Encoding, M12 Straight Female, A-Coding, Cable Length: 1 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 1502303

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4017918815158

Weight per Piece (excluding packing) 102.600 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 1 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 3

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

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$

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/PVC yellow

Cable type (abbreviation) 140

Cable abbreviation LiYY-11Y

Conductor cross section  $0.34\text{ mm}^2$

AWG signal line 22

Conductor structure signal line  $42 \times 0.10\text{ mm}$

Core diameter including insulation  $1.52\text{ mm} \pm 0.02\text{ mm}$

Thickness, insulation  $\geq 0.23\text{ mm}$  (Core insulation)

$\geq 0.38\text{ mm}$  (Outer cable sheath)

approx.  $0.45\text{ mm}$  (Inner sheath)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color yellow

External cable diameter  $D\ 5.2\text{ mm} \pm 0.2\text{ mm}$

Smallest bending radius, fixed installation 52 mm

Smallest bending radius, movable installation 52 mm

Number of bending cycles 2000000

Bending...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X1,0-140/M12FS 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

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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