

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-2,0-140/M8FR GY CH 1519231 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-2,0-140/M8FR GY CH



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-3P-2,0-140/M8FR GY CH  |
| Catalog number  | 1519231                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 100 Pcs                    |
| Document ID     | EO-E84D243CB3              |
| Generated       | 2026-08-01                 |

### 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 &gt; Industrial Field Connectivity (IFC)

### Additional Product Information

Key Commercial Data

Orderkey 1519231

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4017918937676

Weight per Piece (excluding packing) 166.500 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 2 m

General

Rated voltage 48 V AC

60 V DC

Number of positions 3

Coding A - standard  
Cable  
Cable type PUR/PVC yellow  
Cable type (abbreviation) 140  
Cable abbreviation LiYY-11Y  
UL AWM style 20549  
Conductor cross section 0.25 mm<sup>2</sup>  
AWG signal line 24  
Conductor structure signal line 32x 0.10 mm  
Core diameter including insulation 1.32 mm ±0.02 mm  
Thickness, insulation ≥ 0.23 mm (Core insulation)  
≥ 0.38 mm (Outer cable sheath)  
approx. 0.35 mm (Inner sheath)  
Wire colors brown, blue, black  
Overall twist 3 wires, twisted  
External sheath, color yellow  
External cable diameter D 4.4 mm ±0.2 mm  
Smallest bending radius, fixed installation 44 mm  
Smallest bending radius, movable installation 44 mm  
Number of bending cycles 2000000  
Bending radius 44 mm  
Traversing path 5 m  
Traversing rate 3 m/s  
Cable weight 27 kg/km  
Outer sheath, material PUR  
Material, inner sheath PVC  
Material conductor insulation PVC  
Conductor material Bare Cu litz wires  
Insulation resistance ≥ 100 MΩ·km (at 20 °C)  
Conductor resistance max. 78 Ω/km (at 20 °C)  
Nominal voltage, cable ≤ 300 V  
Test voltage, cable ≥ 3000 V  
Flame resistance in accordance with DIN UL-Style 20549  
Ambient temperature (operation) -25 °C ... 80 °C (cable, fixed installation)  
-5 °C .....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-2,0-140/M8FR GY CH 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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