

**INDUSTRIAL COMPONENT DATA**

# SAC-8P- 5,0-PURMC/M12FR 1407822 PHOENIX CONTACT

## Master cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-5,0-PURMC/M12FR



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-8P-5,0-PURMC/M12FR     |
| Catalog number  | 1407822                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-8FBD2D6E85              |
| Generated       | 2026-08-04                 |

### Product Overview

Master cable

M12 connection socket, angled, 8 poles, with main cable attached, for sensor/actuator box with M8 plug-in posts, 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 1407822

Packing unit 1 pc

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GTIN 4046356857505

Weight per Piece (excluding packing) 236.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Ambient conditions

Ambient temperature (operation) -25 °C ... 80 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

**General**

Rated voltage 30 V AC

30 V DC

Number of positions 8

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Connection method Fixed connection

Torque 0.4 Nm (M12 connector)

**Material**

Flammability rating according to UL 94 HB

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material TPU GF

Sealing material NBR

Connection assignment

Slot/position = pin = conductor color 1 / 4 (A) = P = WH

2 / 4 (A) = J = GN

3 / 4 (A) = T = YE

4 / 4 (A) = S = GY

5 / 4 (A) = G = PK

6 / 4 (A) = R = RD

1-6 / 1 (+ 24 V) = A = BN

1-6 / 3 (0 V) = L = BU

**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 / 10493 (80°C/300 V)

Conductor cross section 8x 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

Wire colors white, brown, green, yellow, gray, pink, blue, red

Overall twist 8 wires around filler to the core

External sheath,...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-5,0-PURMC/M12FR 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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