

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/ 5,0-811/M12FR 1055505 PHOENIX CONTACT

## Sensor/actuator cable, 5-position, PUR halogen-free, wel..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 5,0-811/M12FR



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-5P-M12MS/ 5,0-811/M12FR |
| Catalog number  | 1055505                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 50 Pcs                      |
| Document ID     | EO-78D265DC82               |
| Generated       | 2026-08-05                  |

### Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, welding sputter-resistant, orange RAL 2003, Plug straight M12, A-coded, on Socket angled M12, A-coded, cable length: 5 m

Sensor/actuator cable, 5-pole, halogen-free PUR, resistant to solder splashes, orange RAL 2003, Straight male connector M12, coding: A, a Female angled connection M12, coding: A, 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 &gt; Industrial Field Connectivity (IFC)

### Additional Product Information

Key Commercial Data

Orderkey 1055505

Packing unit 1

GTIN 4055626970233

Custom tariff number 85444290

Dimensions

General

Environmental Product Compliance

Ambient conditions

Cable

Classifications

Dimensions

Length of cable 5 m

[Back to top](#)Ambient conditions

Degree of protection IP65

IP67

IP68

[Back to top](#)General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 5

Overvoltage category II

Degree of pollution 3

[Back to top](#)Cable

Cable type PUR, halogen-free, highly flexible, welding-sputter resistant, orange

Cable type (abbreviation) 811

Cable abbreviation LiF9Y11Y

UL AWM style 20549 (80°C/300 V)

Conductor cross section 5x 0.34 mm<sup>2</sup>

AWG signal line 22

Conductor structure signal line 42x 0.10 mm

Core diameter including insulation 1.55 mm ±0.05 mm (Signal line)

Wire colors Brown, white, blue, black, gray

Overall twist 5 wires around filler to the core

External sheath, color orange RAL 2003

External cable diameter D 6.9 mm ±0.1 mm

Minimum bending radius, fixed installation 5 x D

Minimum bending radius, flexible installation 10 x D

Number of bending cycles 5000000

Minimum bending radius, drag chain applications 10 x D

Traversing path 10 m

Traversing rate 3 m/s

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

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance ≥ 20 MΩ\*km

Conductor resistance approx. 57 Ω/km

Nominal voltage, cable 300 V (Peak value, not for high-power applications)

Test voltage Core/Core 3000 V (Spark test)...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 5,0-811/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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.