

## INDUSTRIAL COMPONENT DATA

# SAC-4P-M12MS/ 2,0-960/M12FS VA 1431283 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 2,0-960/M12FS VA



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-4P-M12MS/ 2,0-960/M12FS VA |
| Catalog number  | 1431283                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-AD7461D788                  |
| Generated       | 2026-08-02                     |

## Product Overview

Bus system cable

Bus System Cable, FOUNDATION Fieldbus (31.25 kBit/s), 3-pole, shielded, M12 straight connector, encoding: A, to M12 straight female, encoding: A, cable length: 2 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 1431283

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356431767

Weight per Piece (excluding packing) 159.400 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 2 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

IP69K

General

Note Further products with variable cable type and variable cable length can be found in the accessories section

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 3

Color handle area black

Insulation resistance  $\geq 100 \text{ M}\Omega$

Coding A - standard

Signal type/category FOUNDATION Fieldbus, 31.25 kbps

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$

Torque 0.4 Nm (M12 connector)

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 Stainless steel

Sealing material NBR

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type FOUNDATION Fieldbus orange

Cable type (abbreviation) 960

Cable structure 2xAWG18/7 + 1xAWG20/7

Conductor cross section 2x 0.75 mm<sup>2</sup> (Signal line)

1x 0.5 mm<sup>2</sup> (Drain wire)

AWG signal line 18

Conductor structure signal line 7x 0.40 mm

Core diameter including insulation 2.24 mm  $\pm 0.05 \text{ mm}$

Thickness, i...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 2,0-960/M12FS VA 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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