

## INDUSTRIAL COMPONENT DATA

# SAC-3P-M12MS/20,0-961/M12FR VA 1419125 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/20,0-961/M12FR VA



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-3P-M12MS/20,0-961/M12FR VA |
| Catalog number  | 1419125                        |
| Category        | Data cable                     |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-8547DF3B1A                  |
| Generated       | 2026-08-05                     |

## Product Overview

Bus system cable

Bus system cable, PROFIBUS PA (31.25 kBit/s), 3-poles, shielded, Straight M12 connector, coding: B, to Elbowed Female M12, coding: A, cable length: 20 m, for Ex zone with stainless steel knurling.

## 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 1419125

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 430 (C-2-2017)

GTIN 4046356541923

Weight per Piece (excluding packing) 222.220 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 20 m

Stripping length of the free conductor end 50 mm

Ambient conditions

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

Degree of protection IP65

IP67

IP68

IP69K

General

Note For applications in circuits of intrinsic safety protection type "i". Electrical values following EN 60079-14.

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 3

Color handle area black

Coding B - inverse

Signal type/category PROFIBUS PA, 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

Pin assignment

Contact | Color (signal designation) | Contact (optional) 1 (Plug) | OG (DATA+) | 1 (Socket)

3 (Plug) | BU (DATA-) | 3 (Socket)

4 (Plug) | SR (shield) | 4 (Socket)

Standards and Regulations

Flammability rating according to UL 94 HB

Cable

Cable type Fieldbus FOUNDATION/PROFIBUS PA, blue

Cable type (abbreviation) 961

Cable structure 2xAWG18/7 + 1xAWG20...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/20,0-961/M12FR 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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