

INDUSTRIAL COMPONENT DATA

SAC-3P-M12MR/ 5,0-961/M12FS VA 1419114 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MR/ 5,0-961/M12FS VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MR/ 5,0-961/M12FS VA
Catalog number	1419114
Category	Data cable
Minimum order	1 Pcs
Document ID	EO-6069814F9B
Generated	2026-08-03

Product Overview

Bus system cable

Bus system cable, PROFIBUS PA (31.25 kBit/s), 3-poles, shielded, Angled connector M12, coding: B, a Straight female M12, coding: A, cable length: 5 m, for Ex zone with knurling stainless steel.

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 1419114

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 430 (C-2-2017)

GTIN 4046356541817

Weight per Piece (excluding packing) 222.220 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 5 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 >= 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-M12MR/ 5,0-961/M12FS VA with the required quantity to info@electricaonline.com or use 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.