INDUSTRIAL COMPONENT DATA

SAC-3P- 2,0-961/M12FR VA 1419087 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-2,0-961/M12FR VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-2,0-961/M12FR VA
Catalog number	1419087
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-440059D050
Generated	2026-11-18

Product Overview

Bus system cable
Bus system cable, PROFIBUS PA (31.25 kBit/s), 3-poles, shielded, free cable end, to Female angled M12, coding: A, cable length: 2 m, for Ex zone with stainless steel knurling.
Bus system cable, PROFIBUS PA (31.25 kbps), 3-position, PVC, blue RAL 5015, shielded, free cable end, on Socket angled M12, coding: A, cable length: 2 m, For Ex area with high-grade steel knurl

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

Technical dataNotesGeneral For applications in circuits of intrinsic safety protection type "i". Electrical values following EN 60079-14.
Product propertiesProduct type Data cable preassembled
Application Process technology
Sensor type PROFIBUS PA
Number of positions 3
No. of cable outlets 1
Shielded yes
Coding B
Insulation characteristics
Overvoltage category II

Degree of pollution 3
InterfacesBus system PROFIBUS PA
Signal type/category PROFIBUS PA, 31.25 kbps
SignalingStatus display no
Status display present No
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Transmission medium Copper
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
Material specificationsFlammability rating according to UL 94 HB
Seal material NBR
Connection dataPin assignment
Contact Color (signal designation) Contact (optional) 1 (Socket) OG (DATA+)
3 (Socket) BU (DATA-)
4 (Socket) SR (shield)
ConnectorConnection 1
Type free cable end
Connection 2
Type free cable end
Cable/lineCable length 2 m
Fieldbus FOUNDATION/PROFIBUS PA, blue [961]
Dimensional drawing
Cable weight 56.552 kg/km
Number of positions 2
Shielded yes
Cable type Fieldbus FOUNDATION/PROFIBUS PA, blue [961]
Conductor structure 2xAWG18/7 + 1xAWG20/7
Signal speed 0.66 c
Conductor structure signal line 7x 0.40 mm
AWG signal line 18
Conductor cross section 2x 0.75 mm² (Signal line)
1x 0.5 mm² (Drain wire)
Wire diameter incl. insulation 2.24 mm ±0.05 mm
External cable diameter 7.50 mm ±0.25 mm....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-2,0-961/M12FR 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.