

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 5,0-960/M12FS VA 1431296 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 5,0-960/M12FS VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 5,0-960/M12FS VA
Catalog number	1431296
Category	Data cable
Minimum order	1 Pcs
Document ID	EO-AEF17BEA2A
Generated	2026-08-04

Product Overview

Bus system cable

Bus System Cable, FOUNDATION Fieldbus (31.25 kBit/s), 3-pole, shielded, Straight connector M12, encoding: A, to Straight female 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 > Industrial Field Connectivity (IFC)
--------------	---

Additional Product Information

Key Commercial Data

Orderkey 1431296

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 435 (C-2-2017)

GTIN 4046356431774

Weight per Piece (excluding packing) 347.700 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 5 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 ≥ 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 mm² (Signal line)

1x 0.5 mm² (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/ 5,0-960/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.