INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 1,0-960/M12FS VA 1431270 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 1,0-960/M12FS VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 1,0-960/M12FS VA
Catalog number	1431270
Category	Data cable
Minimum order	1 Pcs
Document ID	EO-57E60E91BD
Generated	2026-11-18

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: 1 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 1431270
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 435 (C-2-2017)
GTIN 4046356431750
Weight per Piece (excluding packing) 96.000 g
Custom tariff number 85444290
Country of origin DE (Germany)
Dimensions
Length of cable 1 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 >= 100 M?
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 ±0.05 mm
Thickness, in...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 1,0-960/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

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