

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 1,0-920/M12FS 1507544 PHOENIX CONTACT

Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 1,0-920/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 1,0-920/M12FS
Catalog number	1507544
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Bus system cable

Bus system cable, CANopen®, DeviceNet™, 5-pole halogen-free, shielded, Straight connector M12, encoding: A, to Straight female M12, coding: A, cable length: 1 m

Bus system cable, CANopen®, DeviceNet™, 5-position, PUR halogen-free, red lilac RAL 4001, shielded, Plug straight M12, coding: A, on Socket straight M12, coding: 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)
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Additional Product Information

Technical dataNotesGeneral Further products with variable cable lengths can be found in the accessories section

Product propertiesProduct type Data cable preassembled

Application Standard

Sensor type CANopen®

Number of positions 5

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

InterfacesBus system CANopen®/DeviceNet™
Signal type/category CANopen®
DeviceNet™
SignalingStatus display no
Status display present No
Electrical propertiesInsulation resistance $\geq 100 \text{ M}\Omega$
Nominal 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
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Connection dataPin assignment
Contact Color (signal designation) Contact (optional) 1 (Plug) SR (shield) 1 (Socket)
2 (Plug) RD (V+) 2 (Socket)
3 (Plug) BK (V-) 3 (Socket)
4 (Plug) WH (CAN_H) 4 (Socket)
5 (Plug) BU (CAN_L) 5 (Socket)
ConnectorConnection 1
Type Plug straight M12
Number of positions 5
Coding type A (Standard)
Ambient temperature (operation) $-25 \text{ }^{\circ}\text{C} \dots 90 \text{ }^{\circ}\text{C}$
Connection 2
Type Socket straight M12
Number of positions 5
Coding type A (Standard)
Ambient temperature (operation) $-25 \text{ }^{\circ}\text{C} \dots 90 \text{ }^{\circ}\text{C}$
Cable...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 1,0-920/M12FS 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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