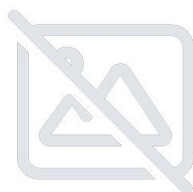


INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/45-920/M12FS 1632875 PHOENIX CONTACT

Bus system cable, CANopen, DeviceNet, 5-pole, halogen-free..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/45-920/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/45-920/M12FS
Catalog number	1632875
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-8D8B25A08E
Generated	2026-08-03

Product Overview

Bus system cable, CANopen, DeviceNet, 5-pole, halogen-free PUR, lilac red RAL 4001, Straight connector M12, coding: B, a Straight female M12, coding: B, cable length: 45 m

Cable for sensors/actuators

Bus system cable, CANopen®, DeviceNet™, 5-position, Plug straight M12, coding: B, on Socket straight M12, coding: B, cable length: 45 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

Technical dataProduct propertiesProduct type Data cable preassembled

Sensor type CANopen®

Number of positions 5

No. of cable outlets 1

Shielded yes

Coding B

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 propertiesContact resistance $\leq 5 \text{ m}\Omega$

Insulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

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

ConnectorConnection 1

Type Plug straight M12

Number of positions 5

Coding type B (inverse)

Connection 2

Type Socket straight M12

Number of positions 5

Coding type B

Cable/lineCable length 45 m

CANopen®/DeviceNet™, PUR, violet [920]

Dimensional drawing

Cable weight 90 kg/km

UL AWM Style 21198 (80°C/300 V)

Number of positions 4

Shielded yes

Cable type CANopen®/DeviceNet™, PUR, violet [920]

Conductor structure 2xAWG24/19+2xAWG22/19

Conductor structure signal line 19x 0.13 mm

AWG signal line 24

Conductor cross section 2x 0.25 mm² (Data cable)

2x 0.34 mm² (Power supply)

1x 0.34 mm² (Drain wire)

Wire diameter incl. insulation 1.95 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/45-920/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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