

INDUSTRIAL COMPONENT DATA

SAC-2P-M12MSB/40,0-910/M12FSB 1085975 PHOENIX CONTACT Bus system cable, PROFIBUS (12 Mbps), 2-position, PUR ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M12MSB/40,0-910/M12FSB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-M12MSB/40,0-910/M12FSB
Catalog number	1085975
Category	Patch cord copper (twisted pair)
Minimum order	40 Pcs
Document ID	EO-B05F0ACC44
Generated	2026-08-03

Product Overview

Bus system cable, PROFIBUS (12 Mbps), 2-position, PUR halogen-free, violet RAL 4001, shielded, Plug straight M12, B-coded, on Socket straight M12, B-coded, cable length: 40 m

Bus system cable, PROFIBUS (12 MBit/s), 2-pole halogen-free, shielded, M12 straight connector, encoding: B, a M12 straight female, encoding: B, cable length: 40 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 1085975

Packing unit 1

GTIN 4055626876924

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Classifications

Dimensions

General

Cable

Drawings

Dimensional drawing

Plug, M12 x 1, straight, shielded

Dimensional drawing

M12 x 1 socket, straight, shielded

Circuit diagram

Schematic diagram

Pin assignment M12 male connector, 5-pos., B-coded, male side

Schematic diagram

Pin assignment M12 socket, 5-pos., B-coded, female side

Cable cross section

PROFIBUS [910]

[Back to top](#)Dimensions

Length of cable 40 m

[Back to top](#)Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

[Back to top](#)General

Note Further products with variable cable lengths 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 2

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

Coding B - inverse

Signal type/category PROFIBUS, 12 Mbps (max. 100 m)

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

[Back to top](#)Material

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PA 6.6 (plug), TPU GF (socket)

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

[Back to top](#)Cable

Cable type PROFIBUS

Cable type (abbreviation) 910

UL AWM style 21198 (80°C/300 V)

Cable structure 1x2xAWG24/19

Conductor cross section 2x 0.25 mm² (Signal line)

AWG signal line 24

Conductor str...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MSB/40,0-910/M12FSB 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.