INDUSTRIAL COMPONENT DATA

SAC-2P-M12MSB/1,0-910/M12FSBBR 1564451 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M12MSB/1,0-910/M12FSBBR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-M12MSB/1,0-910/M12FSBBR
Catalog number	1564451
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-27FB6A7068
Generated	2026-11-19

Product Overview

Bus system cable
Bus system cable, PROFIBUS, 2-pole, halogen-free PUR, violet RAL 4001, shielded, M12 straight male connector, coding: B-coded, a M12 straight connection female, coding: B-coded, cable length: 1 m, Customer variant

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 1564451
Packing unit 1 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4046356518932
Weight per Piece (excluding packing) 94.900 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 1 m
Ambient conditions
Degree of protection IP65

IP67
IP68
General
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 2
Insulation resistance >= 100 M?
Coding B - inverse
Signal type/category PROFIBUS
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Material
Flammability rating according to UL 94 V0
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PA 6.6
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Standards and Regulations
Flammability rating according to UL 94 V0
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 structure signal line 19x 0.13 mm
Core diameter including insulation 2.55 mm ±0.07 mm
Wire colors Red, green
Overall twist 2 cores with 2 fillers to the core
Shielding Plastic-coated aluminum foil, tinned copper braided shield
Optical shield covering 85 %
External sheath, color violet RAL 4001
External cable diameter D 7.8 mm ±0.2 mm
Smallest bending radius, fixed inst...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MSB/1,0-910/M12FSBBR 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.