INDUSTRIAL COMPONENT DATA

SAC-2P-M12MSB/ 0,6-910/M12FSB 1547779 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M12MSB/ 0,6-910/M12FSB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-M12MSB/ 0,6-910/M12FSB
Catalog number	1547779
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-595349F740
Generated	2026-11-18

Product Overview

Bus system cable
Bus system cable, PROFIBUS, 2-pole halogen-free, shielded, M12 straight connector, encoding: B, a M12 straight female, coding: B, cable length: 0.6 m
Bus system cable, PROFIBUS, 2-position, PUR halogen-free, red lilac RAL 4001, shielded, Plug straight M12, coding: B, on Socket straight M12, coding: B, cable length: 0.6 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 PROFIBUS
Number of positions 2
No. of cable outlets 1
Shielded yes
Coding B
Data management status
Article revision 06
Insulation characteristics
Overvoltage category II
Degree of pollution 3

InterfacesBus system PROFIBUS
Signal type/category PROFIBUS
SignalingStatus display no
Status display present No
Electrical propertiesInsulation resistance >= 100 M?
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 V0
Seal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PA 6.6
Material for screw connection Zinc die-cast, nickel-plated
ConnectorConnection 1
Type Plug straight M12
Number of positions 2
Coding type B (inverse)
Connection 2
Type Socket straight M12
Number of positions 2
Coding type B
Cable/lineCable length 0.6 m
PROFIBUS [910]
Dimensional drawing
Cable weight 90 kg/km
UL AWM Style 21198 (80°C/300 V)
Number of positions 2
Shielded yes
Cable type PROFIBUS [910]
Conductor structure 1x2xAWG24/19
Conductor structure signal line 19x 0.13 mm
AWG signal line 24
Conductor cross section 2x 0.25 mm² (Signal line)
Wire diameter incl. insulation 2.55 mm ±0.07 mm
External cable diameter 7.80 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color red lilac R...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MSB/ 0,6-910/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.