INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/1,0-810/M12FS-3L 1416220 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/1,0-810/M12FS-3L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/1,0-810/M12FS-3L
Catalog number	1416220
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-0DCB8114BF
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Product Overview

Sensor/actuator cable
Sensor/actuator cable, 5-pole, halogen-free PUR, resistant to solder splashes, orange RAL 2003, M12 straight male connector, coding: A, to M12 straight connection female, coding: A, with 3 LEDs, cable length: 1 m, for robotics and drag chains
Sensor/actuator cable, 5-position, PUR halogen-free, welding sputter-resistant, orange RAL 2003, Plug straight M12, coding: A, with 3 LEDs, on Socket straight M12, coding: A, with 3 LEDs, cable length: 1 m, for robots and drag chains

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 Sensor/actuator cable
Application Robots and drag chains
Number of positions 5
No. of cable outlets 1
Shielded no
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3
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
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 24 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display 3 LEDs
Status display present Yes
ConnectorConnection 1
Type Plug straight M12
Number of positions 5
Coding type A
Connection 2
Type Socket straight M12
Number of positions 5
Coding type A
Cable/lineCable length 1 m
PUR, halogen-free, highly flexible, welding-sputter resistant, orange [810]
Dimensional drawing
Note Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.
UL AWM Style 20549 (80°C/300 V)
Number of positions 5
Shielded no
Cable type PUR, halogen-free, highly flexible, welding-sputter resistant, orange [810]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 5x 0.34 mm²
Wire diameter incl. insulation 1.55 mm ±0.05 mm (Signal line)
External cable diameter 6.90 mm ±0.1 mm....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/1,0-810/M12FS-3L with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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