INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 2,5-PUR/M12FR3LVW 1579077 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 2,5-PUR/M12FR3LVW



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 2,5-PUR/M12FR3LVW
Catalog number	1579077
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-FF17F4D9B0
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Product Overview

Sensor/actuator cable
Sensor/actuator cable, 5-pole, halogen-free PUR, irradiation-cross-linked, orange RAL 2003, Straight male connector M12, coding: A, to Angled connection female M12, coding: A, with 3 LEDs, cable length: 2.5 m, Customer-specific variants
Sensor/actuator cable, 5-position, PUR halogen-free, irradiated, orange RAL 2003, Plug straight M12, coding: A, with 3 LEDs, on Socket angled M12, coding: A, with 3 LEDs, cable length: 2.5 m, Customer-specific version

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
Number of positions 5
No. of cable outlets 1
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
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 angled M12
Number of positions 5
Coding type A
Cable/lineCable length 2.5 m
PUR irradiated halogen-free orange [150]
Dimensional drawing
Number of positions 5
Shielded no
Cable type PUR irradiated halogen-free orange [150]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm² (Signal line)
1x 0.5 mm² (PE connection)
External cable diameter 5.20 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color orange RAL 2003
Conductor material Bare Cu litz wires
Material wire insulation PE
Single wire, color brown, white, blue, black, green-yellow
Overall twist 5 cores, twisted
Max. conductor resistance <= 57.5 ?/km (with 0.34 mm²....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 2,5-PUR/M12FR3LVW 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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