INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/ 5,0-547/M12FS BK 1424971 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 5,0-547/M12FS BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/ 5,0-547/M12FS BK
Catalog number	1424971
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-1E465742EA
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Product Overview

Sensor/actuator cable
Sensor/Actuator Cable, 3-pole, PVC, yellow, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, cable length: 5 m
Sensor/actuator cable, 3-position, PVC, yellow, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 5 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 Sensor/actuator cable
Application Standard, U.S. cables
Number of positions 3
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
Outer sheath, material PVC
Electrical propertiesInsulation resistance >= 10 M?
Nominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
SignalingStatus display no
Status display present No
Connection dataConductor connection
Tightening torque 0.4 Nm (M12 connector)
ConnectorConnection 1
Type Plug straight M12
Number of positions 3
Coding type A
Connection 2
Type Socket straight M12
Number of positions 3
Coding type A
Cable/lineCable length 5 m
PVC AWG 18 yellow 105°C [547]
Dimensional drawing
UL AWM Style 2517 (105 °C / 300 V)
Number of positions 3
Shielded no
Cable type PVC AWG 18 yellow 105°C [547]
Conductor structure signal line 41x 0.16 mm
AWG signal line 18
Wire diameter incl. insulation 1.7 mm ±0.03 mm
External cable diameter 5.70 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color yellow
Conductor material Tin-plated Cu litz wires
Material wire insulation PVC
Single wire, color brown, blue, black
Overall twist 3 wires, twisted
Nominal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 5,0-547/M12FS BK 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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