INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/10,0-500 BK 1401341 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/10,0-500 BK

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/10,0-500 BK
Catalog number	1401341
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-22F2D80A22
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Product Overview

Sensor/actuator cable
Sensor/actuator cable, 4-pole, PVC, grey RAL 7001, Straight male connector M12, to free cable end, cable length: 10 m
Sensor/actuator cable, 4-position, PVC, gray RAL 7001, Plug straight M12, on free cable end, cable length: 10 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
Number of positions 4
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Electrical propertiesNominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
Connection dataConductor connection
Tightening torque 0.4 Nm
ConnectorConnection 1

Type Plug straight M12
Number of positions 4
Connection 2
Type free cable end
Cable/lineCable length 10 m
PVC gray [500]
Dimensional drawing
Cable weight 40 kg/km
UL AWM Style 2464 / 1729 (80°C/300 V)
Number of positions 4
Shielded no
Cable type PVC gray [500]
Conductor structure signal line 19x 0.15 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.26 mm ±0.05 mm
External cable diameter 4.70 mm ±0.15 mm
Outer sheath, material PVC
External sheath, color gray RAL 7001
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color brown, white, blue, black
Thickness, insulation >= 0.23 mm (Core insulation)
Thickness, outer sheath >= 0.76 mm
Overall twist 4 wires, twisted
Max. conductor resistance max. 57 ?/km (at 20 °C)
Insulation resistance >= 200 M?*km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage >= 3000 V
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Smallest bending radius, fixed installation 24 mm
Smallest bending radius, movable installation 47...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/10,0-500 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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