INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/22,0-PUR SH 1516519 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/22,0-PUR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/22,0-PUR SH
Catalog number	1516519
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-1671DF59D9
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Product Overview

Sensor/actuator cable
Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, coding: A, to free cable end, cable length: 22 m
Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug straight M12, coding: A, on free cable end, cable length: 22 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
Shielded yes
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data

Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
ConnectorConnection 1
Type Plug straight M12
Number of positions 4
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 22 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 36 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Number of positions 4
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.27 mm ±0.02 mm (Signal line)
External cable diameter 4.95 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black
Thickness, insulation >= 0.21 mm
Thickness, outer sheath approx. 0.50 mm
Overall twist 4 wires, twisted
Optical shield covering 80 %
Max. conductor resistance max. 58 ?/km (at 20 °C)
Insulation resistance >= 100 G?*km (at 20 °C)
Wave impedance >= 62 ? (f = 10 MHz)
Cable capacity <= 80 pF/m (Conductor-Conductor)
<= 135 pF/m (Wire/shield...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/22,0-PUR SH 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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