INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 4,5-921 1424425 PHOENIX CONTACT Sensor/actuator cable SAC-5P-M12MS/ 4,5-921 1424425

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 4,5-921

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 4,5-921
Catalog number	1424425
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-5F2EE07F33
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Product Overview

Sensor/actuator cable - SAC-5P-M12MS/ 4,5-921 - 1424425
Bus system cable, cable length: 4.5 m
Bus system cable, PUR halogen-free, black RAL 9005, cable length: 4.5 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 Data cable preassembled
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Cable/lineCable length 4.5 m
CANopen®/DeviceNet™, PUR, black [921]
Dimensional drawing
Cable weight 90 kg/km
UL AWM Style 21198 (80°C/300 V)
Number of positions 4

Shielded yes
Cable type CANopen®/DeviceNet™, PUR, black [921]
Conductor structure 2xAWG24/19+2xAWG22/19
Conductor structure signal line 19x 0.13 mm
AWG signal line 24
Conductor cross section 2x 0.25 mm² (Data cable)
2x 0.34 mm² (Power supply)
1x 0.34 mm² (Drain wire)
Wire diameter incl. insulation 1.95 mm ±0.05 mm (Data cable)
1.4 mm ±0.05 mm (Power supply)
External cable diameter 6.70 mm ±0.3 mm
Outer sheath, material PUR
External sheath, color black RAL 9005
Conductor material Tin-plated Cu litz wires
Material wire insulation Foamed PE (Data cable)
PE (Power supply)
Single wire, color red-black, blue-white
Twisted pairs 2 cores to the pair
Type of pair shielding Plastic-coated aluminum foil, aluminum side outside
Overall twist 2 pairs around a drain wire in the center to the core
Optical shield covering 80 %
Insulation resistance >= 5 G?*km (Data cable)
>= 5 G?*km (Power supply)
Loop resistance <= 181.80 ?/km (Data cable)
<= 114.80 ?/km (Power supply)
Wave impedance 120 ? ±10 % (with 1 MHz)
Cable capacity nom. 40 nF/km (Data cable)
Nominal voltage, cable <= 300 V (Peak value, not for high-power applic...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 4,5-921 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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