INDUSTRIAL COMPONENT DATA

SAC-2P-MICMS/0,5-542 1553854 PHOENIX CONTACT Sensor/Actuator Cable, 2-Pole, Straight Connector 1/2"-20UNF, t..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-MICMS/0,5-542

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-MICMS/0,5-542
Catalog number	1553854
Category	Sensor-actuator patch cord
Minimum order	250 Pcs
Document ID	EO-5539C97B72
Generated	2026-11-18

Product Overview

Sensor/Actuator Cable, 2-Pole, Straight Connector 1/2"-20UNF, to Free Cable End, Cable Length: 0.5 m
Cable for sensors/actuators
Sensor/actuator cable, 2-position, Plug straight 1/2"-20UNF, on free cable end, cable length: 0.5 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 propertiesNumber of positions 2
No. of cable outlets 1
Shielded no
Material specificationsSeal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Brass, nickel-plated
ConnectorConnection 1
Type Plug straight 1/2"-20UNF

Number of positions 2
Connection 2
Type free cable end
Cable/lineCable length 0.5 m
PVC yellow 105 °C [542]
Dimensional drawing
Shielded no
UL AWM Style 2517 (105 °C / 300 V)
Cable weight 32 kg/km
Cable type PVC yellow 105 °C
Short symbol LiYY
Cable type (abbreviation) 542
External cable diameter 4.9 mm ±0.15 mm
Outer sheath, material PVC
External sheath, color yellow
Thickness, outer sheath >= 0.76 mm
Conductor material Bare Cu litz wires
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 2x 0.34 mm²
Material wire insulation PVC
Thickness, insulation >= 0.38 mm (Core insulation)
Wire diameter incl. insulation 1.55 mm ±0.05 mm
Single wire, color brown, blue
Overall twist 2 wires, twisted
Nominal voltage, cable <= 300 V
Test voltage, cable >= 3000 V
Cable resistance 58 ?/m (at 20 °C)
Cable insulation resistance >= 100 M?*km (at 20 °C)
Flame resistance According to DIN EN 60332-1-2
Ambient temperature (operation) -5 °C ... 105 °C (Cable, flexible installation)
-25 °C ... 105 °C (Cable)
Environmental and real-life conditionsAmbient conditions
Ambient temperature (operati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-MICMS/0,5-542 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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