INDUSTRIAL COMPONENT DATA

SAC-3P-100,0-100/0,34 1502206 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-100,0-100/0,34



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-100,0-100/0,34
Catalog number	1502206
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-56925C422C
Generated	2026-11-19

Product Overview

Sensor/actuator cable
By meters, Cable ring, halogen-free PUR, gray RAL 7001, color single conductors: brown, blue, black, cable length: 100 m
By the metre, cable ring, PUR halogen-free, grey RAL 7001, colour single core: brown, blue, black, cable length: 100 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

Key Commercial Data
Orderkey 1502206
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4017918811594
Weight per Piece (excluding packing) 3,451.000 g
Custom tariff number 85444290
Country of origin DE (Germany)
Dimensions
Length of cable 100 m
General
Number of positions 3
Cable

Cable type PUR/PVC gray
Cable type (abbreviation) 100
Cable abbreviation LiYY-11Y
Conductor cross section 0.34 mm²
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.5 mm ±0.05 mm
Thickness, insulation >= 0.23 mm (Core insulation)
>= 0.38 mm (Outer cable sheath)
approx. 0.5 mm (Inner sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color gray RAL 7001
External cable diameter D 5.2 mm ±0.2 mm
Smallest bending radius, fixed installation 26 mm
Smallest bending radius, movable installation 52 mm
Number of bending cycles 2000000
Bending radius 52 mm
Traversing path 5 m
Traversing rate 3 m/s
Cable weight 37 kg/km
Outer sheath, material PUR
Material, inner sheath PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance >= 100 M?*km (at 20 °C)
Conductor resistance max. 58 ?/km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage, cable >= 3000 V
Flame resistance in accordance with DIN UL-Style 20549
Ambient temperature (operation) -25 °C ... 80 °C (cable, fixed installation)
-5 °C ... 80 °C (cable, flexible installation)
Classifications
eCl@ss 4.027060306eCl@ss 4.127060306eCl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-100,0-100/0,34 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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