INDUSTRIAL COMPONENT DATA

SAC-4P-100,0-28X/SH-0,50 1410679 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-100,0-28X/SH-0,50



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-100,0-28X/SH-0,50
Catalog number	1410679
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-FC2B9D4544
Generated	2026-11-18

Product Overview

Sensor/actuator cable
Cable for sensors/actuators, 4 conductors, pad, PE-X, sheath. ext. black, 4 x 0.5 mm²

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 1410679
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4046356905107
Weight per Piece (excluding packing) 7,234.000 g
Custom tariff number 85444995
Country of origin DE (Germany)
Dimensions
Length of cable 100 m
General
Rated voltage 48 V AC
60 V DC
Number of positions 4

Standards and Regulations
Flame resistance according to DIN 60332-1-2
according to DIN EN 50266-2-5
Resistance to oil in accordance with DIN EN 60811-2-1
Halogen-free in accordance with DIN VDE 0472 part 815
Other resistance UV resistant according to DIN VDE 0276-605
Cable
Cable type PE-X black
Cable type (abbreviation) 28X
Cable abbreviation Li2X2X-C-Vl-2X
Conductor cross section 4x 0.5 mm² (Signal line)
AWG signal line 20
Conductor structure signal line 28x 0.15 mm
Core diameter including insulation 1.6 mm ±0.05 mm (Signal line)
Thickness, insulation approx. 0.3 mm (Core insulation)
approx. 0.7 mm (Outer cable sheath)
approx. 0.45 mm (Inner sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Length of twist, overall twist 108.8 mm
Shielding Braided copper wires
Optical shield covering 85 %
External sheath, color black-gray RAL 7021
External cable diameter D 6.8 mm ±0.2 mm
Smallest bending radius, fixed installation 34 mm
Smallest bending radius, movable installation 68 mm
Number of bending cycles 1000000
Bending radius 68 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 74 kg/km
Outer sheath, material PE-X
Mate...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-100,0-28X/SH-0,50 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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