INDUSTRIAL COMPONENT DATA

SAC-12P-MS/0,2PUR/4P-FS 2B SCO 1424171 PHOENIX CONTACT Sensor/actuator cable SAC-12P-MS/0,2PUR/4P-FS 2B SCO ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-12P-MS/0,2PUR/4P-FS 2B SCO

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-12P-MS/0,2PUR/4P-FS 2B SCO
Catalog number	1424171
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-568F9769CF
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-12P-MS/0,2PUR/4P-FS 2B SCO - 1424171

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

Sensor/actuator cable, PUR halogen-free, black RAL 9005
Key Commercial Data
Orderkey 1424171
Packing unit 1
GTIN 4055626368429
Custom tariff number 85444290
General
Rated voltage 30 V AC
30 V DC
Cable
Conductor cross section 12x 0.14 mm² (Signal line)
AWG signal line 26
Conductor structure signal line 18x 0.10 mm

Core diameter including insulation 1 mm ±0.05 mm (Signal line)
Wire colors white, brown, green, yellow, gray, pink, blue, red, black, violet, gray/pink, red/blue
Overall twist 12 wires twisted in layers
External sheath, color black RAL 9005
External cable diameter D 7.2 mm
Number of bending cycles 4000000
Bending radius 54 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Tin-plated Cu litz wires
Conductor resistance 142 ?/km
Special properties Low adhesion surface
Flame resistance in acc. to UL VW1
DIN EN 60332-1-2
Halogen-free in accordance with DIN EN 50267-2-1
Resistance to oil DIN VDE 0472 Part 803, test type B
Other resistance Hydrolysis and microbe resistant as per VDE 0282 section 10
partly UV-resistant in accordance with DIN EN ISO 4892-2-A
Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed installation)
-5 °C ... 80 °C (cable, flexible installation)
Environmental Product Compliance
REACh SVHC
Lead 7439-92-1
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declar...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-12P-MS/0,2PUR/4P-FS 2B SCO 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.