INDUSTRIAL COMPONENT DATA

SAC-12P-500,0-PVC/0,14 1030518 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-12P-500,0-PVC/0,14



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-12P-500,0-PVC/0,14
Catalog number	1030518
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-545ED8284A
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 12 conductors, PVC, black, 12x 0.14 mm², length: 500 m
Sensor/actuator cable, 12-wire, PVC, black, 12 x 0.14 mm2, length: 500 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 Cable by the meter
Number of positions 12
Shielded no
Cable/lineCable length 500 m
PVC black [PVC]
Dimensional drawing
Number of positions 12
Shielded no
Cable type PVC black [PVC]
Conductor structure signal line 18x 0.10 mm
AWG signal line 26
Conductor cross section 12x 0.14 mm² (Signal line)
Wire diameter incl. insulation 1 mm ±0.05 mm (Signal line)

External cable diameter 5.80 mm
Outer sheath, material PVC
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color white, brown, green, yellow, gray, pink, blue, red, black, violet, gray/pink, red/blue
Overall twist 12 wires twisted in layers
Max. conductor resistance <= 142 ?/km (at 20 °C)
Insulation resistance > 10 M?*km
Nominal voltage, cable 250 V
Test voltage Core/Core 1500 V AC
Smallest bending radius, fixed installation 29 mm
Smallest bending radius, movable installation 87 mm
Flame resistance DIN EN 50265-2-1
Ambient temperature (operation) -25 °C ... 80 °C (cable, fixed installation)
-5 °C ... 80 °C (Cable, flexible installation)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-12P-500,0-PVC/0,14 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.