INDUSTRIAL COMPONENT DATA

SAC-3P- 10,0-PUR/M 8FR SH NC 1416202 PHOENIX CONTACT Sensor/actuator cable SAC-3P- 10,0-PUR/M 8FR SH NC 1416..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P- 10,0-PUR/M 8FR SH NC

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P- 10,0-PUR/M 8FR SH NC
Catalog number	1416202
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-D6A7DAFF4F
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P- 10,0-PUR/M 8FR SH NC - 1416202

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-gray RAL 7021, shielded
Key Commercial Data
Orderkey 1416202
Packing unit 1
GTIN 4055626065144
Custom tariff number 85444290
General
Rated voltage 48 V AC
60 V DC
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y-V1-C-V1-11Y
UL AWM style 20549
Conductor cross section 3x 0.25 mm² (Signal line)

AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm (Core insulation)
>= 0.5 mm (Outer cable sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
Shielding Braided copper wires
Optical shield covering 80 %
External sheath, color black-gray RAL 7021
External cable diameter D 4.35 mm ±0.2 mm
Smallest bending radius, fixed installation 22 mm
Smallest bending radius, movable installation 44 mm
Number of bending cycles 10000000
Bending radius 50 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 26 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance >= 100 G?*km
Conductor resistance max. 79 ?/km
Nominal voltage, cable 300 V
Test voltage, cable 3000 V
Special properties Flexible cable conduit capable
Silicone-free
Free of substances which would hinder coating with paint or varnish
Flame resistance in accordance with UL 758/1581 FT2
DIN EN 60332-2-2 (20 s)
Halogen-free in accordanc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P- 10,0-PUR/M 8FR SH NC 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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