

INDUSTRIAL COMPONENT DATA

SAC-4P-60,0-PUR/M 8FS SH 1424701 PHOENIX CONTACT

Sensor/actuator cable SAC-4P-60,0-PUR/M 8FS SH 1424701

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-60,0-PUR/M 8FS SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-60,0-PUR/M 8FS SH
Catalog number	1424701
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-7DA583F1BF
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-4P-60,0-PUR/M 8FS SH - 1424701

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 1424701

Packing unit 1

GTIN 4055626376646

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 LiF9YC11Y

UL AWM style 20549

Conductor cross section 4x 0.25 mm² (Signal line)

AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm $\pm$ 0.02 mm (Signal line)
Thickness, insulation $\geq$ 0.21 mm (Core insulation)
approx. 0.5 mm (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Shielding Braided copper wires
Optical shield covering 80 %
External sheath, color black-gray RAL 7021
External cable diameter D 4.7 mm $\pm$ 0.15 mm
Smallest bending radius, fixed installation 24 mm
Smallest bending radius, movable installation 48 mm
Number of bending cycles 10000000
Bending radius 48 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 31 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance $\geq$ 100 G $\cdot$ km (at 20 °C)
Conductor resistance max. 78 Ω /km (at 20 °C)
Nominal voltage, cable $\leq$ 300 V
Test voltage, cable $\geq$ 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-60,0-PUR/M 8FS SH 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.