

INDUSTRIAL COMPONENT DATA

SAC-5P-3,0-PUR/M12FS SH LP 1424435 PHOENIX CONTACT

Sensor/actuator cable SAC-5P- 3,0-PUR/M12FS SH LP 1424435

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-3,0-PUR/M12FS SH LP



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-3,0-PUR/M12FS SH LP
Catalog number	1424435
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-35FF271CF8
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-5P- 3,0-PUR/M12FS SH LP - 1424435

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, cable length: 3 m, Customer variant

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, 5-position, PUR halogen-free, black-gray RAL 7021, shielded, cable length: 3 m, Customer version

Key Commercial Data

Orderkey 1424435

Packing unit 1

GTIN 4055626370668

Custom tariff number 85444290

Dimensions

Length of cable 3 m

General

Rated voltage 48 V AC

60 V DC

Number of positions 5

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation LiF9YC11Y

UL AWM style 20549

Conductor cross section 5x 0.34 mm² (Signal line)

AWG signal line 22

Conductor structure signal line 42x 0.10 mm

Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)

Thickness, insulation ≥ 0.21 mm

Wire colors Brown, white, blue, black, gray

Overall twist 5 wires around filler to the core

Shielding Tinned copper braided shield

Optical shield covering 85 %

External sheath, color black-gray RAL 7021

External cable diameter D 5.9 mm ±0.2 mm

Smallest bending radius, fixed installation 29.5 mm

Smallest bending radius, movable installation 59 mm (up to +60°C)

Number of bending cycles 4000000

Bending radius 59 mm

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s²

Cable weight 48 kg/km

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance 70 G?·km (at 20 °C)

Conductor resistance max. 57 ?/km (at 20 °C)

Nominal voltage, cable 300 V (at 20 °C)

Test voltage Core/Core 3000 V (at 20 °C)

Special properties Flexible cable conduit capable

Flame resistance in acc. with UL FT-2

Ha...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-3,0-PUR/M12FS SH LP 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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