

INDUSTRIAL COMPONENT DATA

SAC-4P-3,5-PUR/M12FR 1409139 PHOENIX CONTACT

Sensor/actuator cable SAC-4P-3,5-PUR/M12FR 1409139

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-3,5-PUR/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-3,5-PUR/M12FR
Catalog number	1409139
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7E32E8DB3E
Generated	2026-08-04

Product Overview

Sensor/actuator cable - SAC-4P-3,5-PUR/M12FR - 1409139

Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, free cable end, to Elbow connection female M12, coding: A, cable length: 3.5 m

Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12, coding: A, cable length: 3.5 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

Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12, A-coded, cable length: 3.5 m

Key Commercial Data

Orderkey 1409139

Packing unit 1

GTIN 4046356862851

Custom tariff number 85444290

Dimensions

Length of cable 3.5 m

Stripping length of the free conductor end 50 mm

Ambient conditions

Degree of protection IP65
IP67
IP68
General
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 4
Insulation resistance $\geq 10 \text{ M}\Omega$
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
Torque 0.4 Nm
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y-HF
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section $4 \times 0.34 \text{ mm}^2$
AWG signal line 22
Conductor structure signal line $42 \times 0.10 \text{ mm}$
Core diameter including insulation $1.27 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.21 \text{ mm}$
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.5 mm
External cable diameter $D 4.2 \text{ mm} \pm 0.15 \text{ mm}$
Minimum bending ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-3,5-PUR/M12FR 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.