INDUSTRIAL COMPONENT DATA

SAC-3P-M12Y/2,9/1,6-PUR/M 8FS 1417947 PHOENIX CONTACT Sensor/actuator cable SAC-3P-M12Y/2,9/1,6-PUR/M 8FS 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2,9/1,6-PUR/M 8FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12Y/2,9/1,6-PUR/M 8FS
Catalog number	1417947
Category	Sensor-actuator patch cord
Minimum order	250 Pcs
Document ID	EO-238AFA907D
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-M12Y/2,9/1,6-PUR/M 8FS - 1417947
Sensor/actuator cable, 3-pole, halogen-free PUR, grayish black RAL 7021, Straight connector M12, coding: A, to Straight female M8

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, 3-position, PUR halogen-free, black-gray RAL 7021
Key Commercial Data
Orderkey 1417947
Packing unit 1
GTIN 4055626129440
Custom tariff number 85444290
General
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 3

Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
M8 connector IEC 61076-2-104
Status display No
Overvoltage category II
Degree of pollution 3
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
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Standard designation M8 connector
Standards/regulations IEC 61076-2-104
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
Conductor cross section 3x 0.25 mm²
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation >= 0.21 mm (Core insulation)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
Length of twist, overall twist 40 mm
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.5 mm
External cable diameter D 3.6 mm ±0.15 mm
Smallest bending radius, fixed installation 18 mm....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2,9/1,6-PUR/M 8FS 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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