

INDUSTRIAL COMPONENT DATA

**SAC-3P-M 8MS/ 0,5-PUR/M12FR SO 1418292 PHOENIX
CONTACT Sensor/actuator cable SAC-3P-M 8MS/
0,5-PUR/M12FR SO ..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/ 0,5-PUR/M12FR SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/ 0,5-PUR/M12FR SO
Catalog number	1418292
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-26655BD16B
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-3P-M 8MS/ 0,5-PUR/M12FR SO - 1418292

Sensor/actuator cable, 3-pole, halogen-free PUR, grayish black RAL 7021, Straight male connector M8, to Angled connection female M12, coding: A, cable length: 0.5 m, Special connection

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, Plug straight M8, on Socket angled M12, A-coded, cable length: 0.5 m, Special wiring

Key Commercial Data

Orderkey 1418292

Packing unit 1

GTIN 4055626136318

Custom tariff number 85444290

Dimensions

Length of cable 0.5 m

General

Rated current at 40°C 4 A

Rated voltage 48 V AC
60 V DC
Number of positions 3
Insulation resistance $\geq 100 \text{ M}\Omega$
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
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
Conductor cross section $3 \times 0.25 \text{ mm}^2$
AWG signal line 24
Conductor structure signal line $32 \times 0.10 \text{ mm}$
Core diameter including insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.21 \text{ mm}$ (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 $D 3.6 \text{ mm} \pm 0.15 \text{ mm}$
Smallest bending radius, fixed installation 18 mm
Smallest bending radius, movable installat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/ 0,5-PUR/M12FR SO 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.