INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/1,8-PUR/A-1L-S 1508970 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/1,8-PUR/A-1L-S



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/1,8-PUR/A-1L-S
Catalog number	1508970
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-6C0A1F3D6C
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 3-pole halogen-free, M12 straight connector, coding: A, with 1 LED, connected with Z Diode, to A valve connectors, with 1 LED, connected with Z Diode, cable length: 1.8 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

Key Commercial Data
Orderkey 1508970
Packing unit 1 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4017918898540
Weight per Piece (excluding packing) 87.000 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 1.8 m
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

-20 °C ... 80 °C (valve plug)
Degree of protection IP67
General
Rated current at 40°C 4 A
Rated voltage 24 V AC
24 V DC
Number of positions 3
Insulation resistance >= 100 M?
Coding A - standard
Status display 1 LED
Protective circuit/component Z diode
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
Valve plug contact material CuSn
Valve plug contact surface material Ag
Valve plug contact insert material PBT
Material housing valve plug PBT
Material, knurls Zinc die-cast, nickel-plated
Sealing material TPU (Flat gasket valve plug)
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 3x 0.5 mm²
AWG signal line 20
Conductor structure signal line 28x 0.15 mm
Core diameter including insulation 1.5 mm ±0.05 mm (Signal line)
Wire colors black 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,8-PUR/A-1L-S 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.