

INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/0,6-PUR/A-1L-Z 1400769 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/0,6-PUR/A-1L-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/0,6-PUR/A-1L-Z
Catalog number	1400769
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-606A0ACAE3
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole halogen-free, M12 straight connector, coding: A, a Valve connectors A, with 1 LED, connected with Diode Z, cable length: 0.6 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 1400769

Packing unit 1 pc

GTIN 4046356509510

Weight per Piece (excluding packing) 51.400 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 0.6 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

-20 °C ... 85 °C (valve plug)

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 24 V AC

24 V DC

Number of positions 3

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Valve connector EN 175301-803

Status display 1 LED

Protective circuit/component Z diode

Overvoltage category III

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

Valve plug contact material CuSn

Valve plug contact surface material Sn

Valve plug contact insert material PA 6.6

Material housing valve plug TPU

Material, knurls Zinc die-cast, nickel-plated

Sealing material TPU (Seal molded)

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Standard designation Valve connector

Standards/regulations EN 175301-803

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 $3 \times 0.5 \text{ mm}^2$

AWG signal line 20

Conduct...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/0,6-PUR/A-1L-Z 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.