

## INDUSTRIAL COMPONENT DATA

**SAC-3P-M12MS/1,0-PUR/BI-1L-Z 1438613 PHOENIX CONTACT  
Sensor/actuator cable SAC-3P-M12MS/1,0-PUR/BI-1L-Z 1438..**

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



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | SAC-3P-M12MS/1,0-PUR/BI-1L-Z |
| Catalog number  | 1438613                      |
| Category        | Sensor-actuator patch cord   |
| Minimum order   | 1 Pcs                        |
| Document ID     | EO-807E88E4AA                |
| Generated       | 2026-08-06                   |

**Product Overview**

Sensor/actuator cable - SAC-3P-M12MS/1,0-PUR/BI-1L-Z - 1438613

Sensor/actuator cable, 3-pole, halogen-free PUR, grayish black RAL 7021, Straight male connector M12, coding: A, a BI valve connector (11 mm), with 1 LED, connected with Z Diode, cable length: 1 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 &gt; Industrial Field Connectivity (IFC)

**Additional Product Information**

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Valve connector BI (11 mm), with 1 LED, connected with Z diode, cable length: 1 m

Key Commercial Data

Orderkey 1438613

Packing unit 1

GTIN 4046356496650

Custom tariff number 85444290

Dimensions

Length of cable 1 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  $\geq 100$

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

Cabl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,0-PUR/BI-1L-Z with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.