

**INDUSTRIAL COMPONENT DATA**

# SACB-6/12-10,0PUR SCO P 1452495 PHOENIX CONTACT

## Sensor/actuator box, Application: Standard, Connection metho..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACB-6/12-10,0PUR SCO P



|                 |                                                |
|-----------------|------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                |
| MPN / Reference | SACB-6/12-10,0PUR SCO P                        |
| Catalog number  | 1452495                                        |
| Category        | Passive sensor-actuator interface (with cable) |
| Minimum order   | 1 Pcs                                          |
| Document ID     | EO-A88FC5AC82                                  |
| Generated       | 2026-08-04                                     |

## Product Overview

Sensor/actuator box, Application: Standard, Connection method: M12-SPEEDCON-socket Plastic, Number of slots: 6, Number of positions: 5, Coding: A - standard, Slot assignment: Double, Status indication: No, Universal; Master cable connection: Fixed connection 180°, PUR/PVC, Cable length: 10 m, Shielding: No

Sensor/actuator box, application: Standard, connection type: SPEEDCON M12 female connector Plastic, number of plug-in stations: 6, number of poles: 5, coding: A - standard, occupancy of plug-in stations: Double, status indication: No, Universal; Main cable connection: Fixed connection 180°, PUR/PVC, cable length: 10 m, shielding: no

**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 > QUICKON Installation System (QPD) |
|--------------|-----------------------------------------------------|

## Additional Product Information

**General**

Rated voltage 120 V

Current carrying capacity per I/O signal 2 A

Current carrying capacity per slot 4 A

Total rated current 12 A

Number of positions 5

Number of slots 6

Sensor/actuator connection system M12-SPEEDCON-socket

Ambient conditions

Degree of protection IP65

IP67

Ambient temperature (operation) -25 °C ... 80 °C

-40 °C ... 90 °C (for fixed installation)

-5 °C ... 80 °C (for flexible installation)

Master cable connection data

Connection method Fixed connection

Length of cable 10 m

Tightening torque slot sensor/actuator cable 0.4 Nm

Tightening torque of mounting screw for fixing the housing 0.5 Nm

Insulation material

Housing material PBT

Material of the moulding mass PUR

Contact material Cu alloy

Contact surface material Gold-plated

Contact carrier material PA

Material of threaded sleeve PBT

O-ring material NBR

Pin assignment

Slot/position = Wire color or connection 1 / 4 (A) = WH

1 / 2 (B) = GY/PK

2 / 4 (A) = GN

2 / 2 (B) = RD/BU

3 / 4 (A) = YE

3 / 2 (B) = WH/GN

4 / 4 (A) = GY

4 / 2 (B) = BN/GN

5 / 4 (A) = PK

5 / 2 (B) = WH/YE

6 / 4 (A) = RD

6 / 2 (B) = YE/BN

1-6 / 1 (+ 120 V) = BN

1-6 / 3 (0 V) = BU

1-6 / 5 (PE) = GN/YE

Cable

Cable type PUR/PVC black

Cable type (abbreviation) PUR

Cable abbreviation LiYY11Y-HF

UL AWM style 20549

Conductor cross section 12x 0.5 mm<sup>2</sup> (signal line)

3x 1 mm<sup>2</sup> (power line)

AWG signal line 20

AWG power supply 17

Conductor structure signal line 28x 0.15 mm

Conductor structure, voltage supply 56x 0.15 mm

Core diameter including insulati...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACB-6/12-10,0PUR SCO P 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

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