INDUSTRIAL COMPONENT DATA

SACB-6/ 6-10,0PUR SCO P 1452466 PHOENIX CONTACT Sensor/actuator box, Application: Standard, Connection metho..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACB-6/ 6-10,0PUR SCO P
Catalog number	1452466
Category	Passive sensor-actuator interface (with cable)
Minimum order	1 Pcs
Document ID	EO-2E007C4334
Generated	2026-11-18

Product Overview

Sensor/actuator box, Application: Standard, Connection method: M12-SPEEDCON-socket Plastic, Number of slots: 6, Number of positions: 4, Coding: A - standard, Slot assignment: single, 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: 4, coding: A - standard, occupation of plug-in stations: single, 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 4
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
2 / 4 (A) = GN
3 / 4 (A) = YE
4 / 4 (A) = GY
5 / 4 (A) = PK
6 / 4 (A) = RD
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 6x 0.34 mm² (signal line)
3x 0.75 mm² (power line)
AWG signal line 22
AWG power supply 18
Conductor structure signal line 19x 0.15 mm
Conductor structure, voltage supply 42x 0.15 mm
Core diameter including insulation 1.3 mm ±0.1 mm (signal line)
1.8 mm ±0.1 mm (power line)
Thickness, insulation >= 0.15 mm (Inner sheath...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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