INDUSTRIAL COMPONENT DATA

# SACC-VB-3CON-M12/CI-1L-SV 24V 1452291 PHOENIX CONTACT Valve connectors

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-VB-3CON-M12/CI-1L-SV 24V**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SACC-VB-3CON-M12/CI-1L-SV 24V |
| Catalog number | 1452291 |
| Category | Valve connector (field assembly) |
| Minimum order | 1 Pcs |
| Document ID | EO-9B990F5024 |
| Generated | 2026-11-18 |

## Product Overview

Valve connectors
Valve Connector, Universal, 3-Pole, IC Valve Connector (9.4mm), Screw Connection, M12 Cable Gland, Cable Outer Diameter 4 mm ... 6 mm
Valve connectors, Universal, 3-position, Valve connector CI (9.4 mm), Screw connection, cable gland M12, external cable diameter 4 mm ... 6 mm

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > QUICKON Installation System (QPD) |

## Additional Product Information

Technical dataNotesAssembly note NOTE:Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.
Product propertiesProduct type Valve connectors
Sensor type Universal
Number of positions 3
No. of cable outlets 1
Shielded no
Pg screw connection M12
Data management status
Article revision 02

Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material NBR
Material housing valve plug PA
Contact material CuZn
Contact surface material CuSn
DimensionsDimensional drawing
Width 16 mm
Height 27.5 mm
Length 26.8 mm
External dimensions
Outside diameter 4 mm ... 6 mm
Electrical propertiesContact resistance <= 4 m?
Insulation resistance > 2 G?
Nominal voltage UN 24 V AC
24 V DC
Nominal current IN 1.5 A
Protective circuit Surge protection; Varistor
Valve connector characteristics
Fixing screws M3 x 27
Mechanical propertiesMechanical data
Insertion/withdrawal cycles 50 (Valve connector)
SignalingStatus display LED (yellow)
Status display present Yes
Connection dataConnection method Screw connection
Conductor cross section 0.25 mm² ... 0.5 mm²
Connection cross section AWG 24 ... 20
Tightening torque 1.6 Nm ±0.2 Nm (Pressure screw)
0.4 Nm ±0.1 Nm (Central screw)
0.2 Nm ±0.1 Nm (Contact screw)
ConnectorConnection 1
Head design Valve connector
Head...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-VB-3CON-M12/CI-1L-SV 24V 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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