

# SACC-V-3CON-PG9/A-1L-S - Valve connectors



1671137

<https://www.phoenixcontact.com/pc/products/1671137>

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Valve connectors, Universal, 3-position, Valve connector A, Screw connection, cable gland Pg9, external cable diameter 6 mm ... 8 mm

## Commercial data

Item number	1671137
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	02
Product key	BF2DAA
Catalog page	Page 29 (C-2-2019)
GTIN	4017918134983
Weight per piece (including packing)	36 g
Weight per piece (excluding packing)	34.6 g
Customs tariff number	85366990
Country of origin	CZ

## Technical data

### Notes

#### General

**NOTE:** Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.

### Mounting

#### Connection method

Screw connection

### Product properties

#### Product type

Valve connectors

#### Sensor type

Universal

#### Number of positions

3

#### No. of cable outlets

1

#### Shielded

no

#### Pg screw connection

Pg9

### Insulation characteristics

#### Overvoltage category

II

#### Degree of pollution

3

### Material specifications

#### Flammability rating according to UL 94

HB

#### Material housing valve plug

PA

#### Contact material

CuSn

#### Valve plug contact insert material

PBT

#### Contact surface material

Ag

### Dimensions

#### External dimensions

#### Outside diameter

6 mm ... 8 mm

### Electrical properties

#### Contact resistance

≤ 4 mΩ

#### Insulation resistance

> 2 GΩ

#### Nominal voltage U<sub>N</sub>

24 V AC

24 V DC

#### Nominal current I<sub>N</sub>

4 A

#### Protective circuit

Surge protection; Z diode

### Mechanical properties

#### Mechanical data

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Insertion/withdrawal cycles	50 (Valve connector)
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## Signaling

Status display	Yellow LED
Status display present	Yes

## Connection data

Connection method	Screw connection
Conductor cross section	0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	22 ... 13

## Connector

### Connection 1

Head design	Valve connector
Head thread type	A

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-25 °C ... 60 °C (valve plug)

## Standards and regulations

### Valve connector

Standard designation	Valve connector
Standards/specifications	EN 175301-803

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