

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



1671153

<https://www.phoenixcontact.com/us/products/1671153>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Valve connectors, Universal, 3-position, Valve connector B (10 mm), Screw connection, cable gland Pg9, external cable diameter 6 mm ... 8 mm

## Commercial data

Item number	1671153
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF36
Product key	BF2DBA
Catalog page	Page 30 (C-2-2019)
GTIN	4017918135003
Weight per piece (including packing)	31.5 g
Weight per piece (excluding packing)	30.8 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.

### 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	$\leq 4 \text{ m}\Omega$
Insulation resistance	$> 2 \text{ G}\Omega$
Nominal voltage $U_N$	24 V AC
	24 V DC
Nominal current $I_N$	4 A
Protective circuit	Surge protection; Z diode

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	50 (Valve connector)
-----------------------------	----------------------

### Signaling

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



1671153

<https://www.phoenixcontact.com/us/products/1671153>

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	B (10 mm)

## 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

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



1671153

<https://www.phoenixcontact.com/us/products/1671153>

## Classifications

### ECLASS

ECLASS-11.0	27440105
ECLASS-12.0	27440105
ECLASS-13.0	27440105

### ETIM

ETIM 9.0	EC003623
----------	----------

### UNSPSC

UNSPSC 21.0	31251500
-------------	----------

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



1671153

<https://www.phoenixcontact.com/us/products/1671153>

## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)