

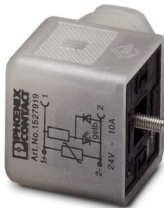
# SACC-V-3CON-PG9/A-1L-SV 24V - Valve connectors



1527919

<https://www.phoenixcontact.com/us/products/1527919>

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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	1527919
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF36
Product key	BF2DAA
Catalog page	Page 110 (PC-2009)
GTIN	4017918980993
Weight per piece (including packing)	24.72 g
Weight per piece (excluding packing)	24.7 g
Customs tariff number	85366990
Country of origin	HU

## Technical data

### Notes

#### Assembly note

**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
Seal material	NBR
Material housing valve plug	PA 6
Contact material	CuSn
Valve plug contact insert material	PA 6
Contact surface material	Ni

### Dimensions

#### External dimensions

Outside diameter	6 mm ... 8 mm
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### Electrical properties

Contact resistance	$\leq 15 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	24 V AC
	24 V DC
Nominal current $I_N$	10 A
Protective circuit	Surge protection; Varistor

### Mechanical properties

#### Mechanical data

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

Status display	1 LED
Status display present	Yes

## Connection data

Connection method	Screw connection
Conductor cross section	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection cross section AWG	22 ... 16
Stripping length of the individual wire	6 mm
Tightening torque	0.8 Nm ... 1 Nm (Pressure nut)
	0.4 Nm (Central screw)
	0.5 Nm (Contact screw)

## Connector

### Connection 1

Head design	Valve connector
Head thread type	A

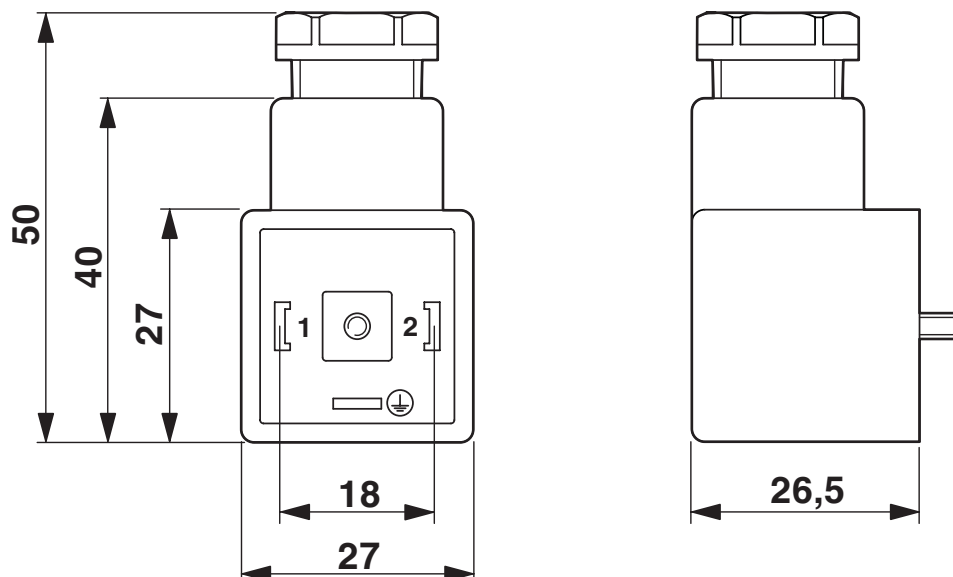
## Environmental and real-life conditions

### Ambient conditions

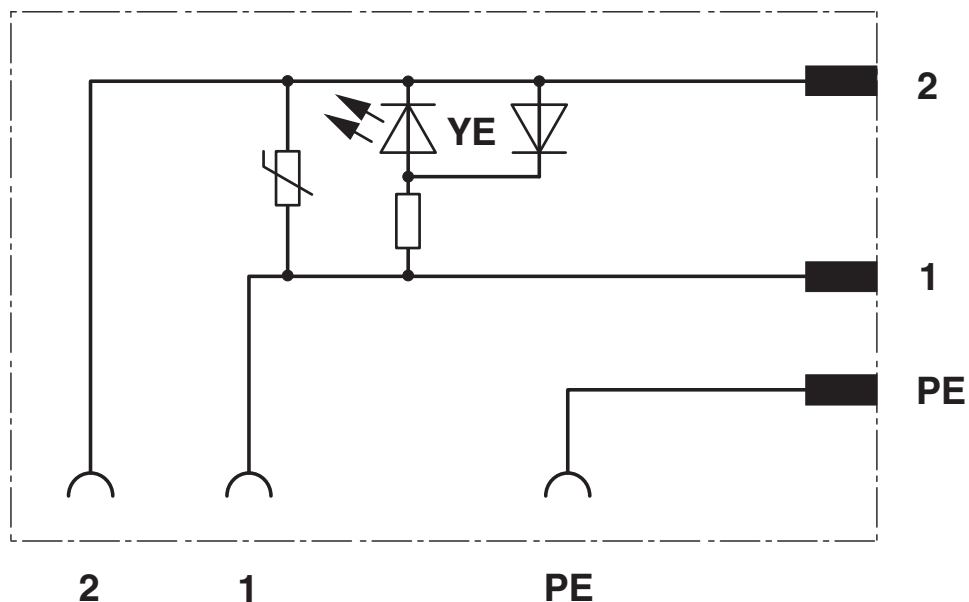
Degree of protection	IP65
Ambient temperature (operation)	-25 °C ... 85 °C (valve plug)

## Drawings

Dimensional drawing



Circuit diagram

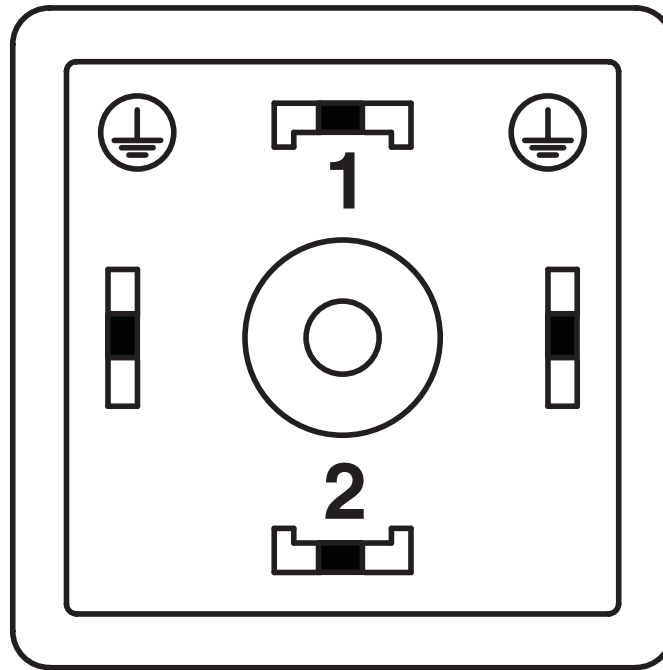


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Schematic diagram



Valve connector pin assignment, type A

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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC003623
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### UNSPSC

UNSPSC 21.0	31251500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	0df2c1a2-63e1-42d5-9729-c1651830f760

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