

# Valve connectors - SACC-V-4CON-PG7/CI



1527977

<https://www.phoenixcontact.com/us/products/1527977>

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Valve connectors, Universal, 4-position, Valve connector CI (9.4 mm), Screw connection, cable gland Pg9, external cable diameter 4 mm ... 6 mm

## Commercial Data

Item number	1527977
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	B07
Product Key	BF2DEA
Catalog Page	Page 110 (PC-2009)
GTIN	4017918981068
Weight per Piece (including packing)	13.35 g
Weight per Piece (excluding packing)	13 g
Customs tariff number	85366990
Country of origin	HU

## Technical Data

### Notes

Assembly instruction:	<b>NOTE:</b> 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.
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### Product properties

Product type	Valve connector
Number of positions	4
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
Sealing material	NBR
Material housing valve plug	PA6
Contact material	CuSn
Valve plug contact insert material	PA6
Contact surface material	Ni

### Dimensions

#### External dimensions

Outside diameter	4 mm ... 6 mm
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### Electrical properties

Contact resistance	≤ 15 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage $U_N$	250 V AC
	250 V DC
Nominal current $I_N$	10 A
Protective circuit	unwired

### LED signaling

Status display	No
Status display present	No

### Connection data

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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

## Connector

Insertion/withdrawal cycles	50 (Valve connector)
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### Connection 1

Head design	Valve connector
Head thread type	CI (9.4 mm)

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-30 °C ... 100 °C (connector)

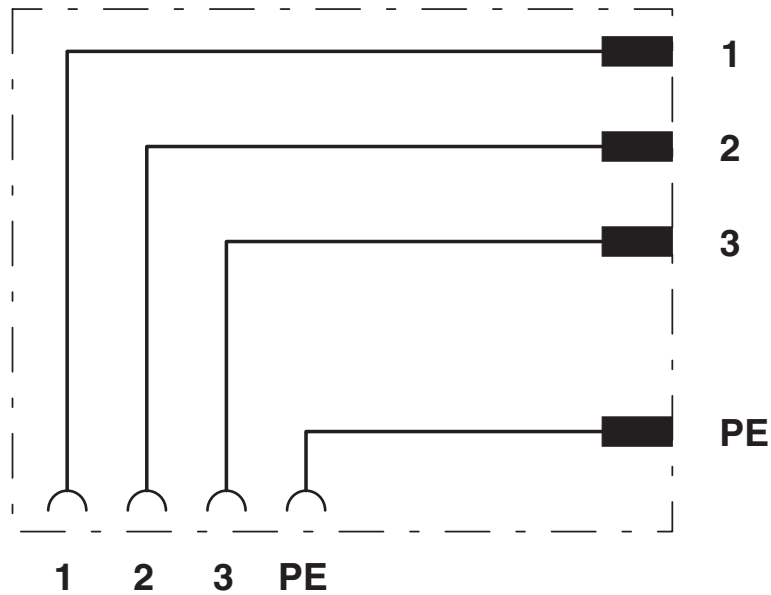
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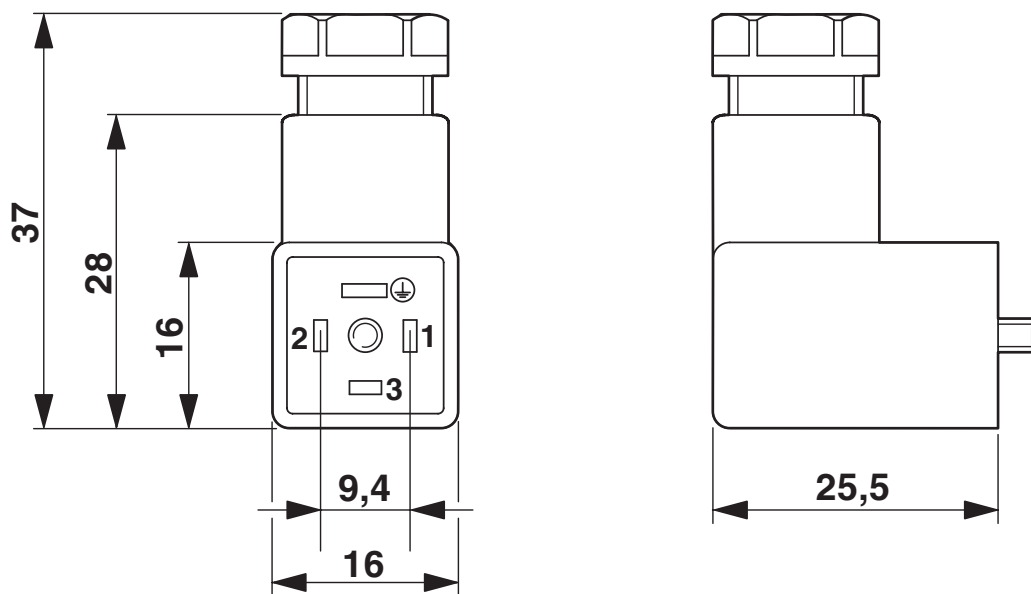
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## Drawings

Circuit diagram



Dimensional drawing



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## Approvals



**EAC**

Approval ID: RU C-DE.BL08.B.00511

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## Classifications

### ECLASS

ECLASS-9.0	27440105
ECLASS-10.0.1	27440105
ECLASS-11.0	27440105

### ETIM

ETIM 8.0	EC003623
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### UNSPSC

UNSPSC 21.0	31251500
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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