

# SACC-V-4CON-PG9/A - Valve connector



1527883

<https://www.phoenixcontact.com/us/products/1527883>

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Valve connector, Universal, 4-position, Valve connector A, Screw connection, cable gland Pg9, external cable diameter 6 mm ... 8 mm

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1527883       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF36          |
| Product key                          | AF2DAA        |
| GTIN                                 | 4017918980955 |
| Weight per piece (including packing) | 25.61 g       |
| Weight per piece (excluding packing) | 25.3 g        |
| Customs tariff number                | 85366990      |
| Country of origin                    | HU            |

## Technical data

### Notes

#### Assembly 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 properties

|                      |                  |
|----------------------|------------------|
| Product type         | Valve connectors |
| Sensor type          | Universal        |
| 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   |
| Seal material                          | NBR  |
|                                        | TPE  |
| 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 |
|------------------|---------------|

### Electrical properties

|                       |                            |
|-----------------------|----------------------------|
| Contact resistance    | $\leq 15 \text{ m}\Omega$  |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Nominal voltage $U_N$ | 250 V AC                   |
|                       | 250 V DC                   |
| Nominal current $I_N$ | 10 A                       |
| Protective circuit    | unwired                    |

### Mechanical properties

#### Mechanical data

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

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## Signaling

|                        |    |
|------------------------|----|
| Status display         | no |
| Status display present | no |

## 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                                    |

## 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) (male connector/female connector) | -30 °C ... 100 °C (Connector) |

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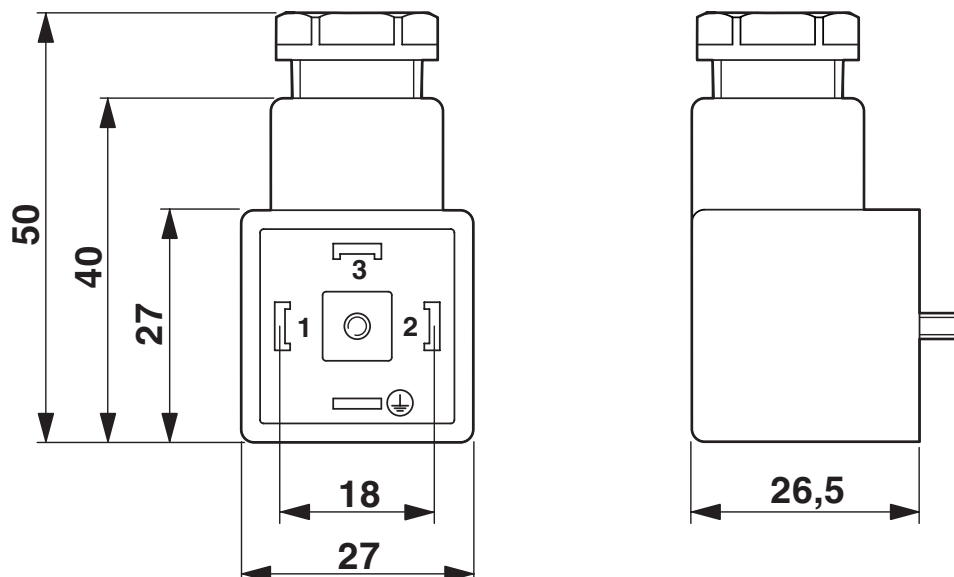
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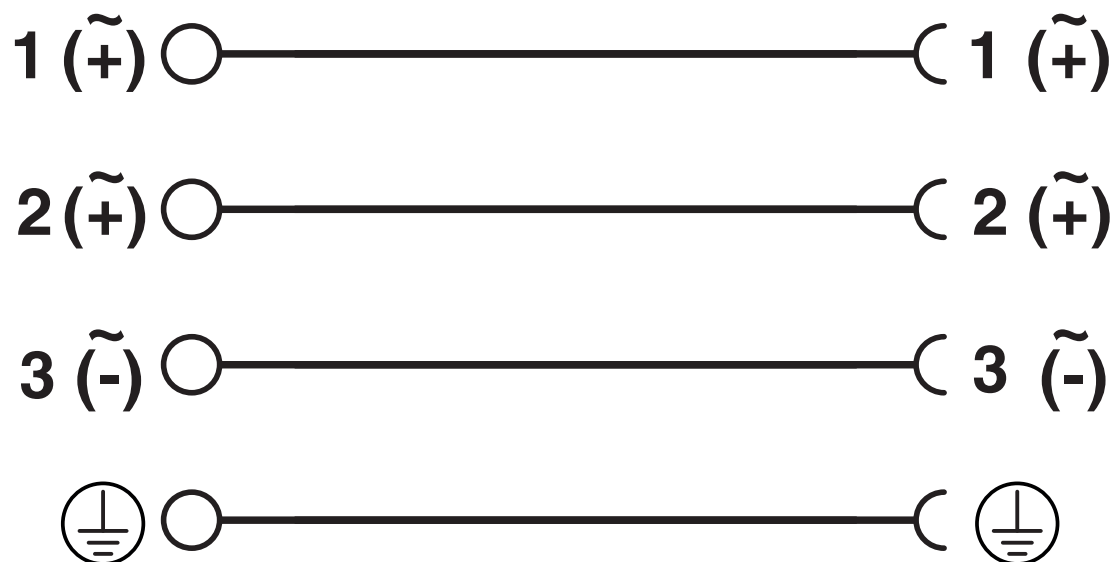


## Drawings

Dimensional drawing



Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1527883>

|                                                                                                                                                  |                                |                                |                   |                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------|-------------------------------|
| <div> <b>UL Recognized</b><br/>Approval ID: File E 118976</div> |                                |                                |                   |                               |
|                                                                                                                                                  | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| keine                                                                                                                                            |                                |                                |                   |                               |
|                                                                                                                                                  | 250 V                          | 10 A                           | -                 | -                             |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440105 |
| ECLASS-15.0 | 27440105 |

### ETIM

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

### 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                                | a5a1b7f5-f63b-4d11-8122-e430fc9c2f99 |

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