

# Valve connectors - SACC-VB-3CON-M12/CI-1L-SV 24V - 1452291

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Valve connectors, Universal, 3-position, Valve connector CI (9.4 mm), with 1 LED, connected with Varistor, Screw connection, cable gland M12, external cable diameter 4 mm ... 6 mm



## Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 1 pc          |
| GTIN         |               |
| GTIN         | 4046356536462 |

## Technical data

### Dimensions

|                               |               |
|-------------------------------|---------------|
| External diameter             | 4 mm ... 6 mm |
| Central screw valve connector | M3 x 27       |

### Ambient conditions

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

### General

|                              |   |
|------------------------------|---|
| 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. |
| Rated current at 40°C        | 1.5 A   |
| Rated voltage                | 24 V AC   |
|                              | 24 V DC   |
| Number of positions          | 3   |
| Insulation resistance        | > 2 GΩ  |
| Signal type/category         | Universal   |
| Status display               | Yellow LED  |
| Protective circuit/component | Varistor  |

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## Technical data

### General

|                             |  |
|-----------------------------|--|
| Overvoltage category        | II   |
| Degree of pollution         | 3  |
| Connection method           | Screw connection                             |
| Conductor cross section     | 0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> |
| Conductor cross section AWG | 24 ... 20                                    |
| Insertion/withdrawal cycles | 50 (Valve connector)                         |
| Torque                      | 1.6 Nm ±0.2 Nm (Pressure screw)              |
|                             | 0.4 Nm ±0.1 Nm (Central screw)               |
|                             | 0.2 Nm ±0.1 Nm (Contact screw)               |

### Material

|  |      |
|--|------|
| Flammability rating according to UL 94 | HB   |
| Valve plug contact material            | CuZn |
| Valve plug contact surface material    | CuSn |
| Material housing valve plug            | PA   |
| Sealing material                       | NBR  |

### Standards and Regulations

|  |    |
|--|----|
| Flammability rating according to UL 94 | HB |
|--|----|

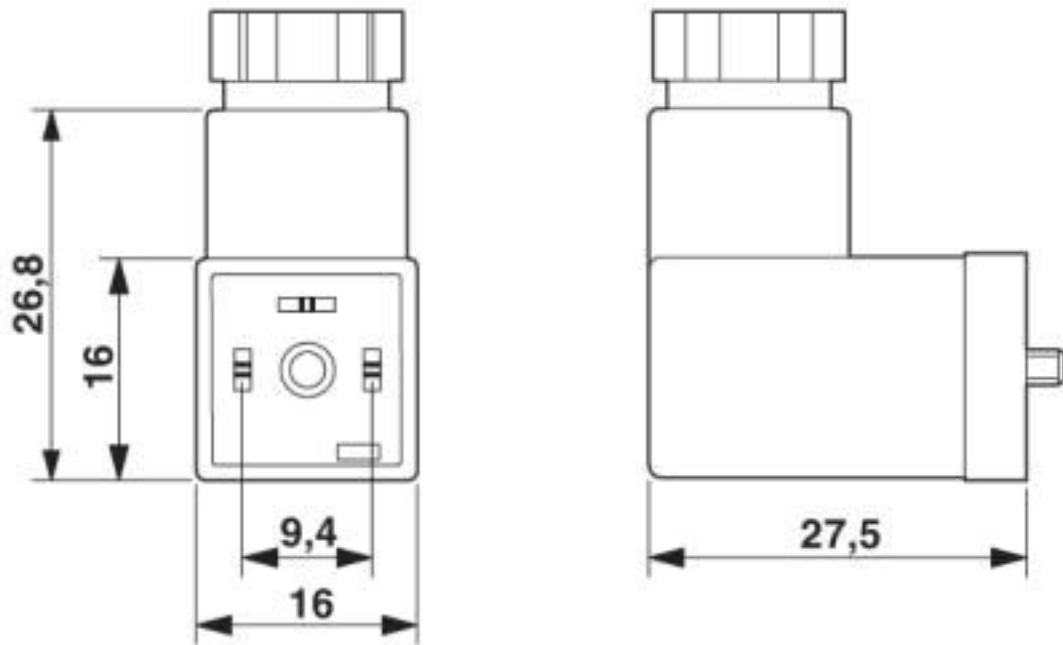
### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 25;   |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

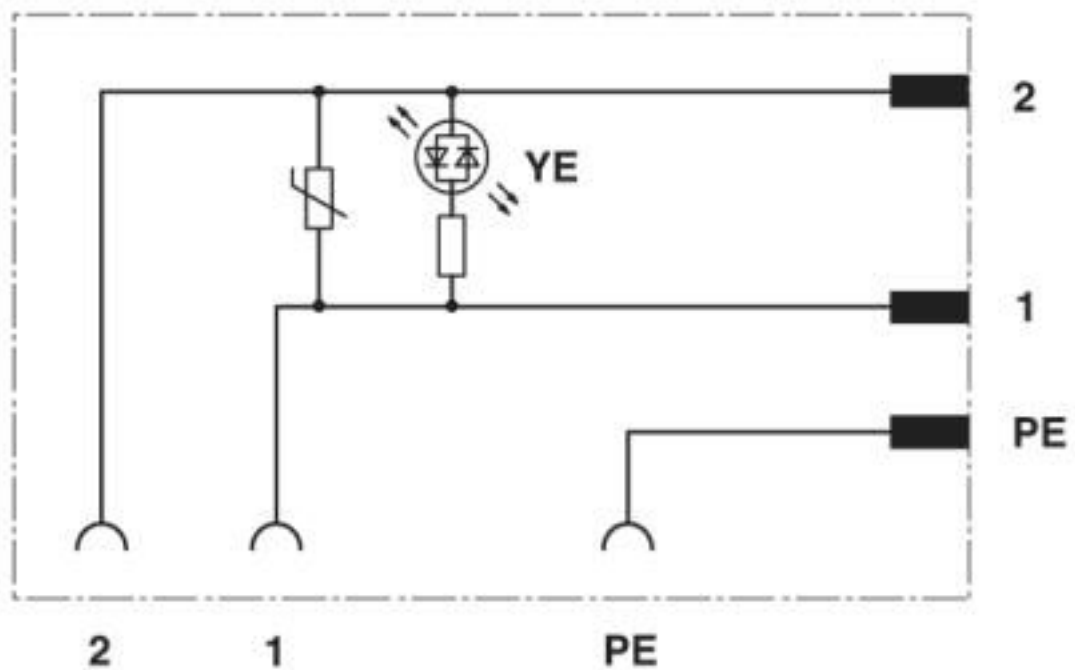
## Drawings

# Valve connectors - SACC-VB-3CON-M12/CI-1L-SV 24V - 1452291

Dimensional drawing



Circuit diagram



## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440105 |
|---------------|----------|

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140800 |
| eCl@ss 4.1 | 27140800 |
| eCl@ss 5.0 | 27143400 |
| eCl@ss 5.1 | 27143400 |
| eCl@ss 6.0 | 27279200 |
| eCl@ss 7.0 | 27440104 |
| eCl@ss 8.0 | 27440104 |
| eCl@ss 9.0 | 27440105 |

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002062 |
| ETIM 6.0 | EC002925 |
| ETIM 7.0 | EC002925 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 32151909 |
| UNSPSC 19.0   | 31251501 |
| UNSPSC 20.0   | 31251501 |
| UNSPSC 21.0   | 31251501 |

## Approvals

### Approvals

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Approvals

EAC / EAC / EAC

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Ex Approvals

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### Approval details

|     |  |                          |
|-----|--|--------------------------|
| EAC |  | RU C-<br>DE.AI30.B.01102 |
|-----|--|--------------------------|

## Valve connectors - SACC-VB-3CON-M12/CI-1L-SV 24V - 1452291

### Approvals

|     |   |               |
|-----|---|---------------|
| EAC |  | EAC-Zulassung |
|-----|---|---------------|

|     |   |                          |
|-----|---|--------------------------|
| EAC |  | RU C-<br>DE.BL08.B.00511 |
|-----|---|--------------------------|

### Accessories

#### Accessories

#### Cable by the meter

Cable reel - SAC-3P-100,0-PUR/0,5 - 1457393



By the meter, Cable reel, PUR halogen-free, black-gray RAL 7021, 3-wire, color single wire: black 1, black 2, green/yellow, cable length: 100 m

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