# SACC-VB-3CON-M12/C-1L-SV  24V - Valve connector

1452262

https://www.phoenixcontact.com/us/products/1452262

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Valve connector, Universal, 3-position, Valve connector C (8 mm), Screw connection, cable gland M12, external cable diameter 4 mm ... 6 mm

## Commercial data

| | |
|---|---|
| Item number | 1452262 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF36 |
| Product key | AF2DDA |
| GTIN | 4046356536431 |
| Weight per piece (including packing) | 14.5 g |
| Weight per piece (excluding packing) | 13.1 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 |
| Number of positions | 3 |
| No. of cable outlets | 1 |
| Shielded | no |
| Pg screw connection | M12 |

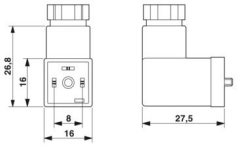
### Insulation characteristics

| | |
|---|---|
| Overvoltage category | II |
| Degree of pollution | 3 |

## Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | HB |
| Seal material | NBR |
| Material housing valve plug | PA |
| Contact material | CuZn |
| Contact surface material | CuSn |

## Dimensions

| | |
|---|---|
| Dimensional drawing |   |
| Width | 16 mm |
| Height | 27.5 mm |
| Length | 26.8 mm |

### External dimensions

| | |
|---|---|
| Outside diameter | 4 mm ... 6 mm |

## Electrical properties

| | |
|---|---|
| Insulation resistance | > 2 GΩ |
| Nominal voltage $U_N$ | 24 V AC |
| | 24 V DC |
| Nominal current $I_N$ | 1.5 A |
| Protective circuit | Surge protection; Varistor |

Valve connector characteristics

| | |
|---|---|
| Fixing screws | M2,5 x 27 |

## Mechanical properties

Mechanical data

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

## Signaling

| | |
|---|---|
| Status display | LED (yellow) |
| Status display present | yes |

## Connection data

| | |
|---|---|
| Connection method | Screw connection |
| Conductor cross-section | 0.25 mm² ... 0.5 mm² |
| Connection cross section AWG | 24 ... 20 |
| Tightening 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) |

## Connector

Connection 1

| | |
|---|---|
| Head design | Valve connector |
| Head thread type | C (8 mm) |

## Environmental and real-life conditions

Ambient conditions

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

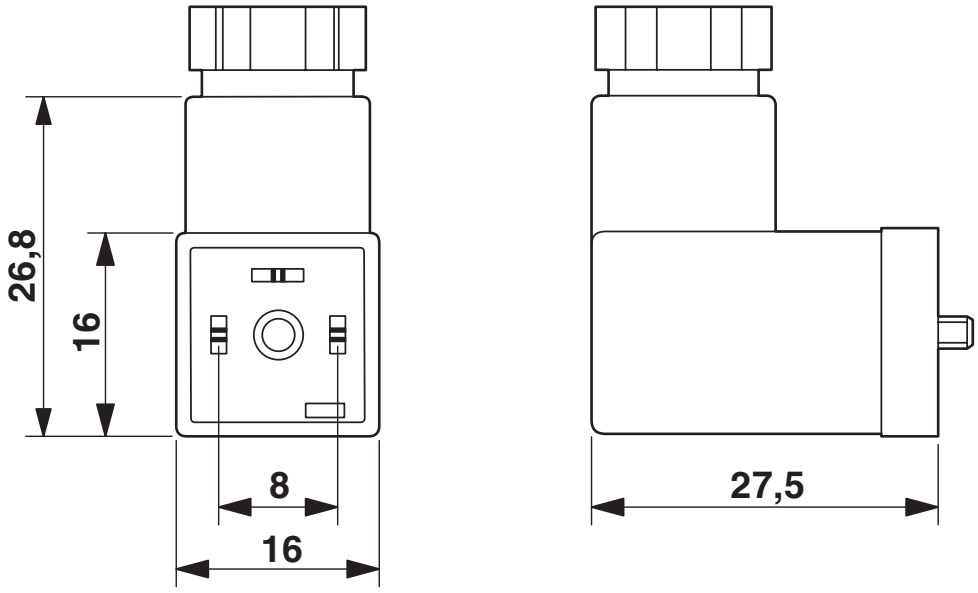
## Standards and regulations

Valve connector

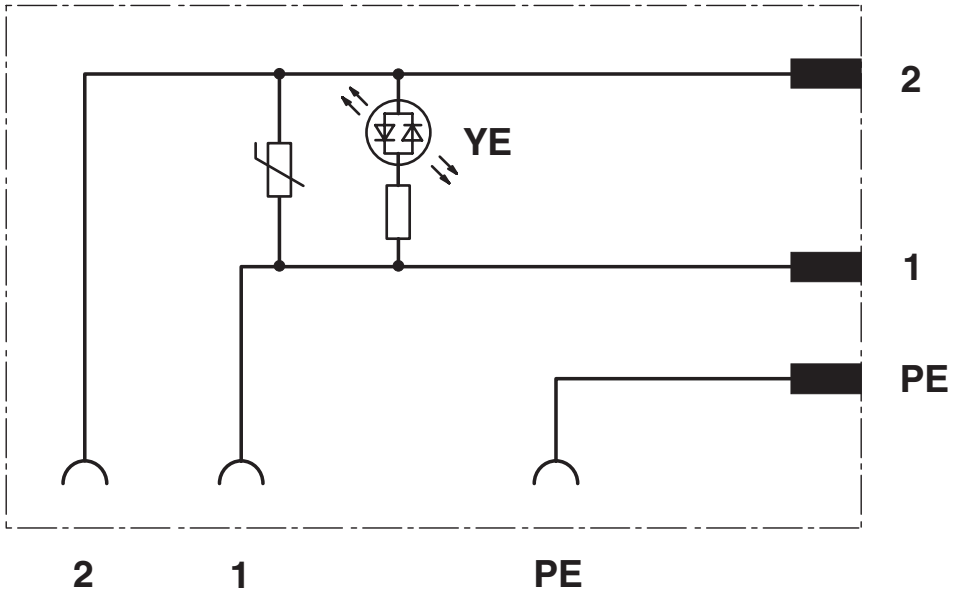
| | |
|---|---|
| Standard designation | Valve connector |
| Standards/specifications | EN 175301-803 |

## Drawings

Dimensional drawing




Circuit diagram



## Classifications

### ECLASS

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

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC003623 |

### UNSPSC

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

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-25 |
| | 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 | ea5dd609-1005-4c56-b6f7-1d9df12b7f49 |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 0.503 kg CO2e |

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