

SACC-VB-4CON-M16/A - Valve connectors



1452136

<https://www.phoenixcontact.com/us/products/1452136>

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Valve connectors, Universal, 4-position, Valve connector AD (pressure switch), Screw connection, cable gland M16, external cable diameter 6 mm ... 8 mm

Commercial data

| | |
|--------------------------------------|--------------------|
| Item number | 1452136 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF36 |
| Product key | BF2DAA |
| Catalog page | Page 28 (C-2-2019) |
| GTIN | 4046356536301 |
| Weight per piece (including packing) | 27.4 g |
| Weight per piece (excluding packing) | 27.4 g |
| Customs tariff number | 85366990 |
| Country of origin | HU |

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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 | 4 |
| No. of cable outlets | 1 |
| Shielded | no |
| Pg screw connection | M16 |

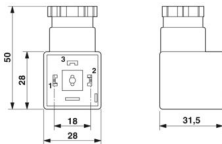
Insulation characteristics

| | |
|----------------------|----|
| 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 | 28 mm |
| Height | 31.5 mm |
| Length | 50 mm |

External dimensions

| | |
|------------------|---------------|
| Outside diameter | 6 mm ... 8 mm |
|------------------|---------------|

Electrical properties

| | |
|--------------------------------|----------------------|
| Contact resistance | ≤ 4 mΩ |
| Insulation resistance | > 2 GΩ |
| Nominal voltage U _N | 230 V AC 230 V DC |

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| | |
|-----------------------|---------|
| Nominal current I_N | 10 A |
| Protective circuit | unwired |

Valve connector characteristics

| | |
|---------------|-----------|
| Fixing screws | M3 x 33,5 |
|---------------|-----------|

Mechanical properties

Mechanical data

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

Signaling

| | |
|------------------------|----|
| Status display present | No |
|------------------------|----|

Connection data

| | |
|------------------------------|--|
| Connection method | Screw connection |
| Conductor cross section | 0.25 mm ² ... 1.5 mm ² |
| Connection cross section AWG | 24 ... 16 |
| Tightening torque | 1.8 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 | AD (pressure switch) |

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

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

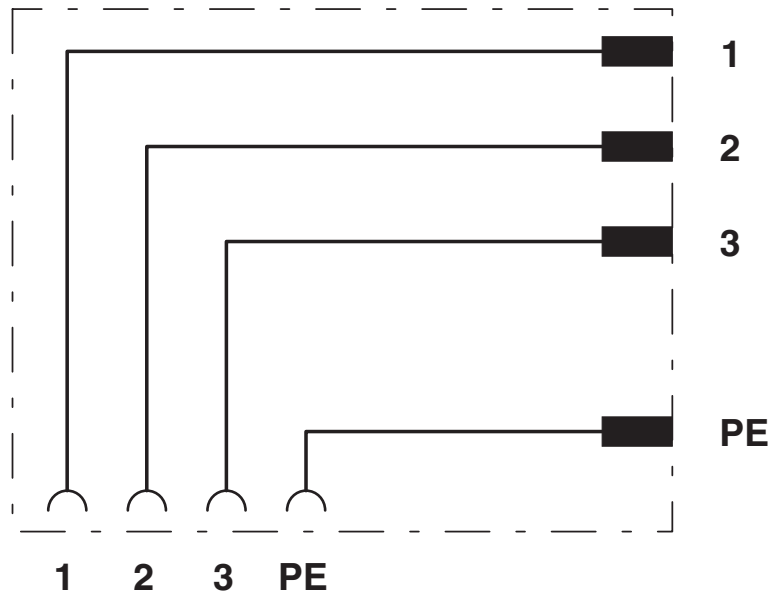
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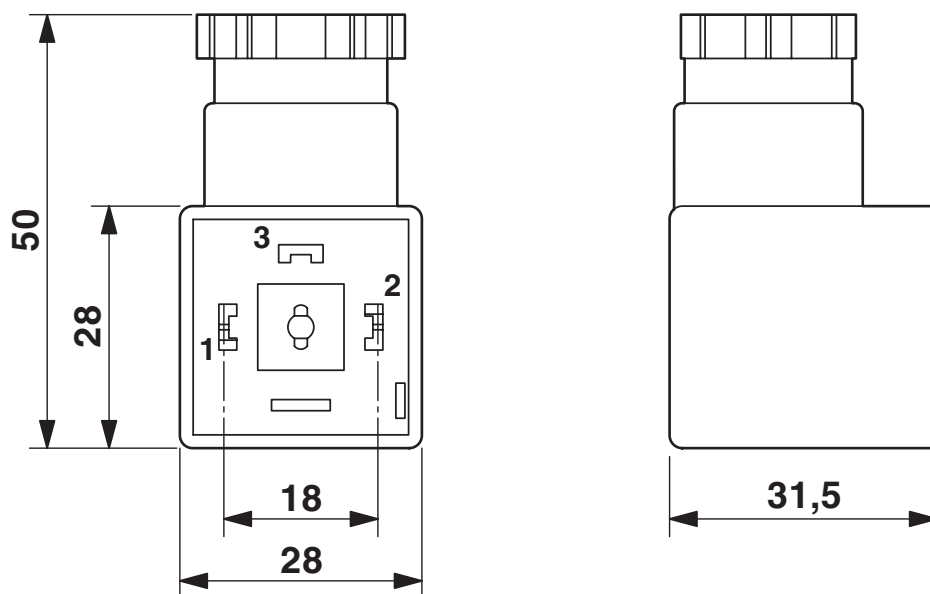
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Drawings

Circuit diagram



Dimensional drawing




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Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1452136>



EAC

Approval ID: RU C-DE.AI30.B.01102



EAC

Approval ID: EAC-Zulassung



EAC

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

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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-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 | 47f84b54-5cac-4f10-918c-dd4f48113a8f |

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