

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



1452136

<https://www.phoenixcontact.com/in/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	BF2
Product Key	BF2DAA
Catalog Page	Page 28 (C-2-2019)
GTIN	4046356536301
Weight per Piece (including packing)	27.625 g
Weight per Piece (excluding packing)	27.625 g
Customs tariff number	85366990
Country of origin	HU

Technical Data

Notes

Assembly instruction:

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

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

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Contact resistance	≤ 4 mΩ
Insulation resistance	> 2 GΩ
Nominal voltage U_N	230 V AC
	230 V DC
Nominal current I_N	10 A
Protective circuit	unwired

Valve connector characteristics

Fixing screws	M3 x 33,5
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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)

Interfaces

Signal type/category	Universal
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Signaling

Status display present	No
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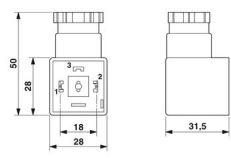
Dimensions

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Dimensional drawing	
Width	28 mm
Height	31.5 mm
Length	50 mm

External dimensions

Outside diameter	6 mm ... 8 mm
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Material specifications

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

Connector

Connection 1

Head design	Valve connector
Head thread type	AD (pressure switch)

Cable/line

Signal type/category	Universal
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50 (Valve connector)
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Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Standards/specifications	EN 175301-803
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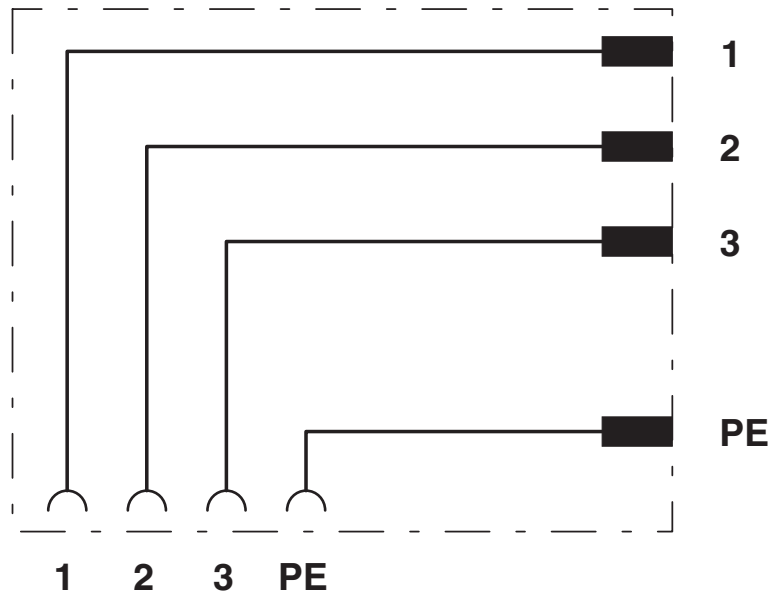
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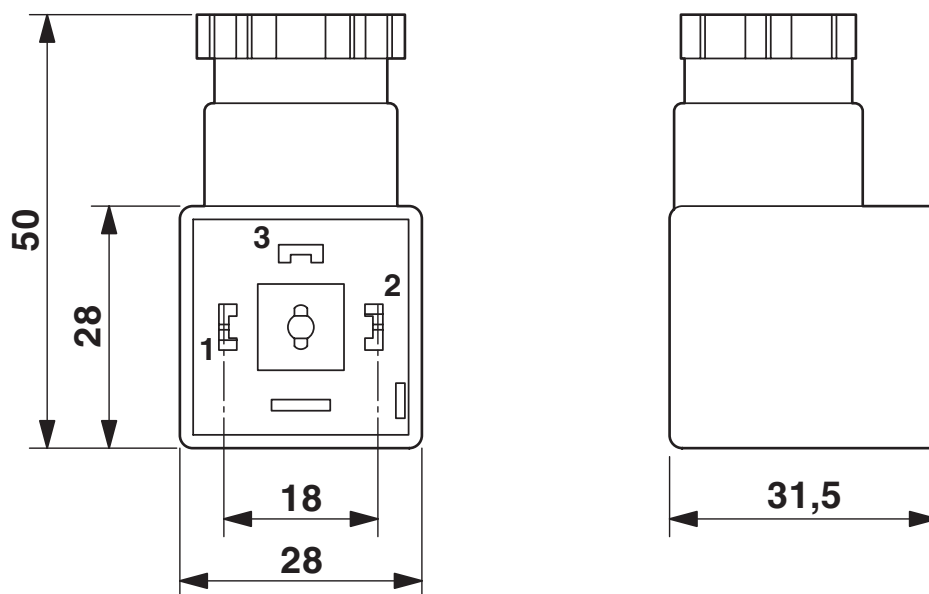
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Drawings

Circuit diagram



Dimensional drawing



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Approvals



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 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 = 25; For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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