

# SACC-VB-3CON-M16/A-1L-SV 24V - Valve connectors



1452149

<https://www.phoenixcontact.com/in/products/1452149>

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Valve connectors, Universal, 3-position, Valve connector A, Screw connection, cable gland M16, external cable diameter 6 mm ... 8 mm

## Commercial Data

Item number	1452149
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BF2
Product Key	BF2DAA
Catalog Page	Page 28 (C-2-2019)
GTIN	4046356536318
Weight per Piece (including packing)	27 g
Weight per Piece (excluding packing)	27 g
Customs tariff number	85366990
Country of origin	HU

## Technical Data

### Notes

General	<b>NOTE:</b> 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.
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### Product properties

Number of positions	3
Sensor type	Universal
No. of cable outlets	1
Shielded	no
Pg screw connection	M16

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Electrical properties

Contact resistance	$\leq 4 \text{ m}\Omega$
Insulation resistance	$> 2 \text{ G}\Omega$
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	M3 x 33,5
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### Connection data

Connection method	Screw connection
Conductor cross section	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection cross section AWG	24 ... 16
Tightening torque	1.8 Nm $\pm$ 0.2 Nm (Pressure screw) 0.4 Nm $\pm$ 0.1 Nm (Central screw) 0.2 Nm $\pm$ 0.1 Nm (Contact screw)

### Interfaces

Signal type/category	Universal
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### Signaling

Status display	Yellow LED
Status display present	Yes

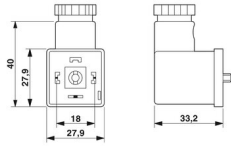
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## Dimensions

Dimensional drawing	
Width	27.9 mm
Height	33.2 mm
Length	40 mm
External dimensions	
Outside diameter	6 mm ... 8 mm

## Material specifications

Color	transparent
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	A

## Cable/line

Signal type/category	Universal
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## Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	50 (Valve connector)

## Environmental and real-life conditions

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

## Standards and regulations

Valve connector	
Standards/specifications	EN 175301-803

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## Mounting

Connection method	Screw connection
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