

1452149

<https://www.phoenixcontact.com/us/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	BF36
Product key	BF2DAA
Catalog page	Page 28 (C-2-2019)
GTIN	4046356536318
Weight per piece (including packing)	27.2 g
Weight per piece (excluding packing)	27.4 g
Customs tariff number	85366990
Country of origin	HU

Technical data

Notes

General

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.

Mounting

Connection method

Screw connection

Product properties

Product type

Valve connectors

Sensor type

Universal

Number of positions

3

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

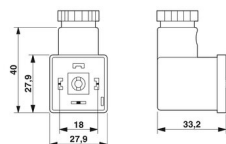
CuZn

Contact surface material

CuSn

Dimensions

Dimensional drawing



Width

27.9 mm

Height

33.2 mm

Length

40 mm

External dimensions

Outside diameter

6 mm ... 8 mm

Electrical properties

Contact resistance

 $\leq 4 \text{ m}\Omega$

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



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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	M3 x 33,5
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50 (Valve connector)
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Signaling

Status display	Yellow LED
Status display present	Yes

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	A

Environmental and real-life conditions

Ambient conditions

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

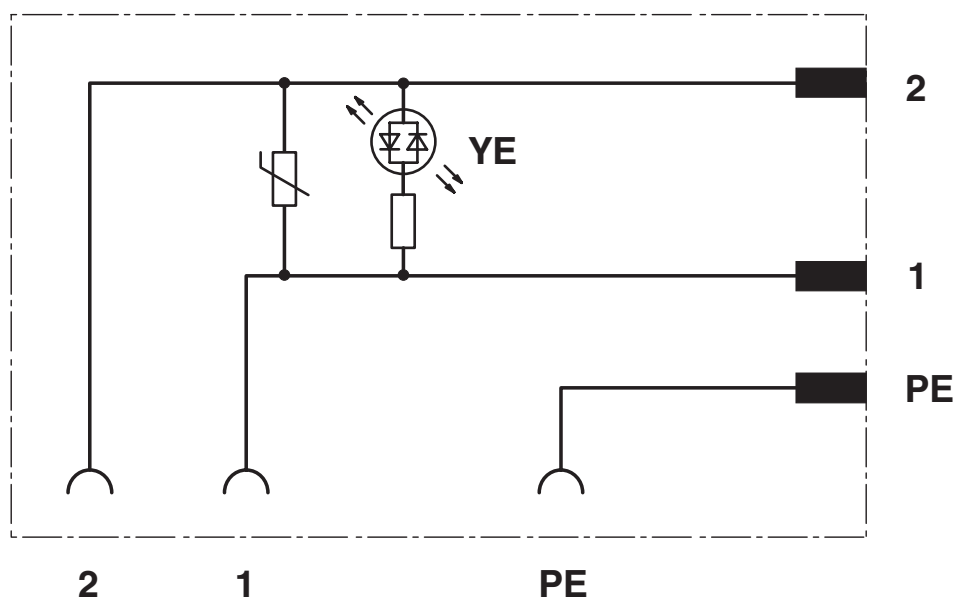
Standards and regulations

Valve connector

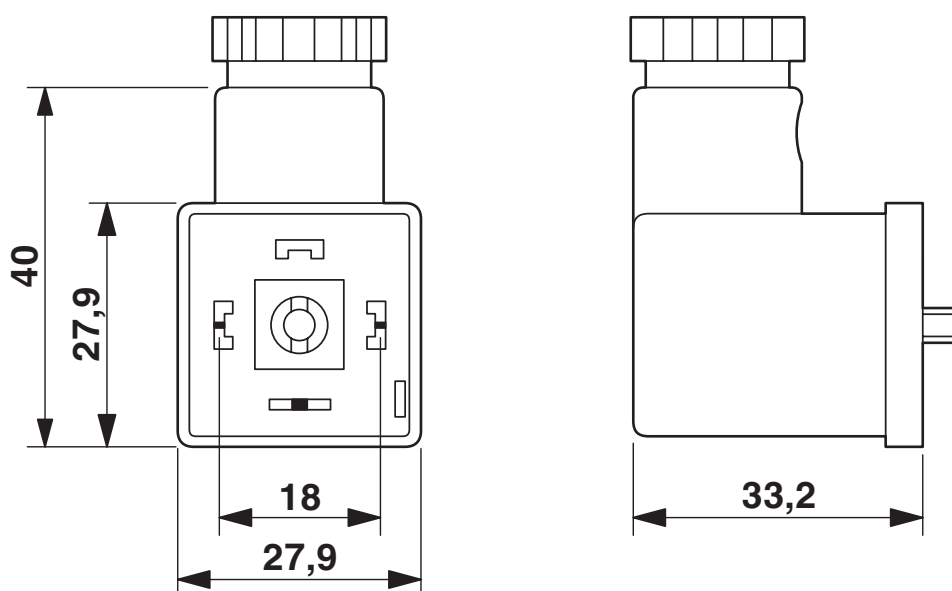
Standard designation	Valve connector
Standards/specifications	EN 175301-803

Drawings

Circuit diagram



Dimensional drawing



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



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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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Accessories

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

1457393

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