SACC-VB-3CON-M16/B-1L-SV 230V - Valve connectors

1452220

https://www.phoenixcontact.com/us/products/1452220

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Valve connectors, Universal, 3-position, Valve connector B (10 mm), Screw connection, cable gland M16, external cable diameter 6 mm ... 8 mm

Commercial data

Item number	1452220
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF36
Product key	BF2DBA
Catalog page	Page 30 (C-2-2019)
GTIN	4046356536394
Weight per piece (including packing)	26.1 g
Weight per piece (excluding packing)	25.1 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

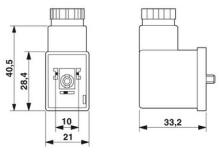
Insulation characteristics

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	21 mm
Height	33.2 mm
Length	40.5 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
Nominal current I_N	1.5 A
Protective circuit	Surge protection; Varistor

Valve connector characteristics

Fixing screws	M3 x 33,5

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50 (Valve connector)

Signaling

Status display	Yellow LED
Status display present	Yes

Connection data

Connection method	Screw connection
Conductor cross section	0.25 mm² ... 1.5 mm²
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	B (10 mm)

Environmental and real-life conditions

Ambient conditions

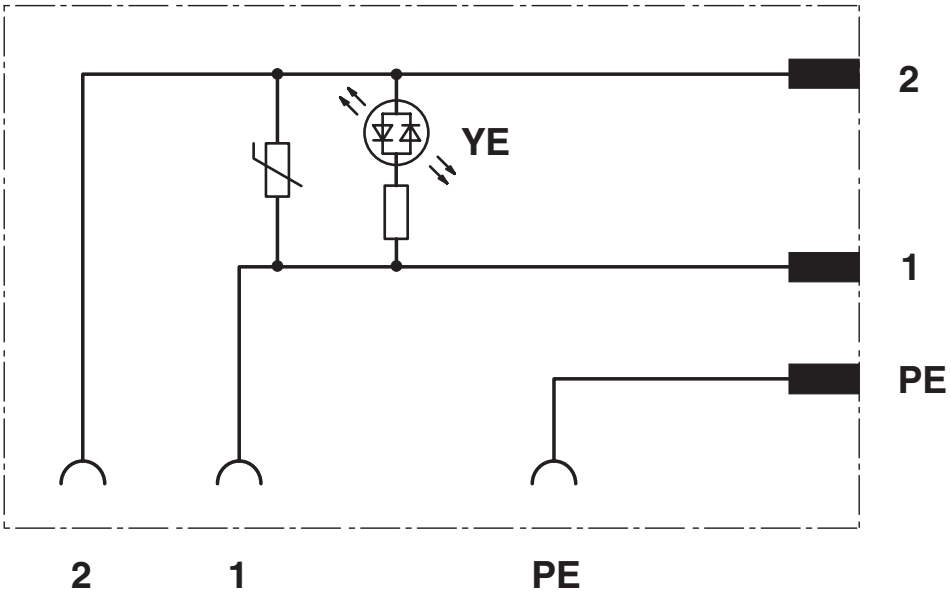
Degree of protection	IP65
Ambient temperature (operation)	-25 °C ... 60 °C (valve plug)

Standards and regulations

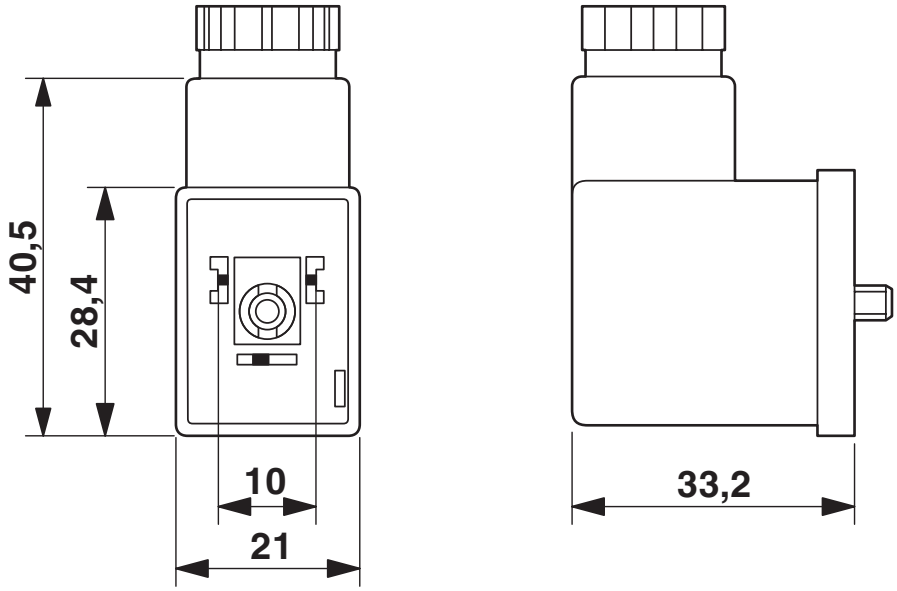
Standard designation	Valve connector
Standards/specifications	EN 175301-803

Drawings

Circuit diagram



Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1452220

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

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

Classifications

ECLASS

ECLASS-11.0	27440105
ECLASS-12.0	27440105
ECLASS-13.0	27440105

ETIM

ETIM 8.0	EC003623

UNSPSC

UNSPSC 21.0	31251500

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”

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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