

Valve connectors - SACC-VB-3CON-M12/CI-1L-SV 110V



1452301

<https://www.phoenixcontact.com/gb/products/1452301>

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Valve connectors, Universal, 3-position, Valve connector CI (9.4 mm), with 1 LED, connected with Varistor, Screw connection, cable gland M12, external cable diameter 4 mm ... 6 mm

Commercial Data

Item number	1452301
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BF2DEA
Product Key	BF2DEA
Catalog Page	Page 31 (C-2-2019)
GTIN	4046356536479
Weight per Piece (including packing)	13.5 g
Weight per Piece (excluding packing)	13.5 g
Customs tariff number	85366990
Country of origin	HU

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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

Product type	Valve connector
Number of positions	3
No. of cable outlets	1
Shielded	no
Pg screw connection	M12

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	110 V AC 110 V DC
Nominal current I_N	1.5 A
Protective circuit	Surge protection; Varistor

LED signaling

Status display	Yellow LED
Status display present	yes

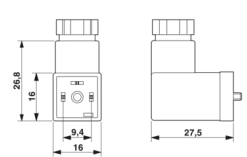
Connector

Insertion/withdrawal cycles	50 (Valve connector)
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Header 1

Head design	Valve connector CI (9.4 mm)
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Dimensions

Dimensional drawing	
Width	16 mm
Height	27.5 mm

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Length	26.8 mm
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External dimensions

Outside diameter	4 mm ... 6 mm
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Material specifications

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

Environmental and real-life conditions

Ambient conditions

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

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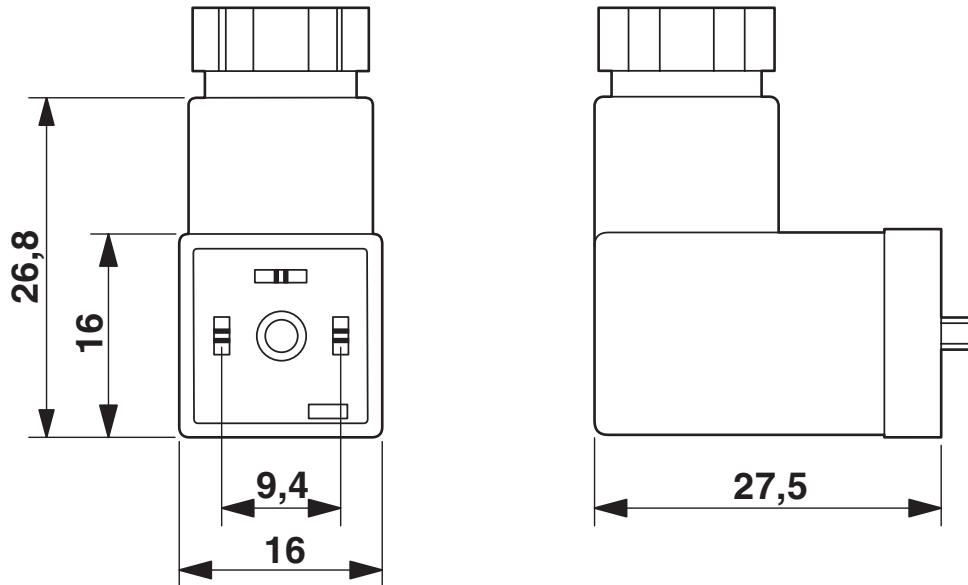


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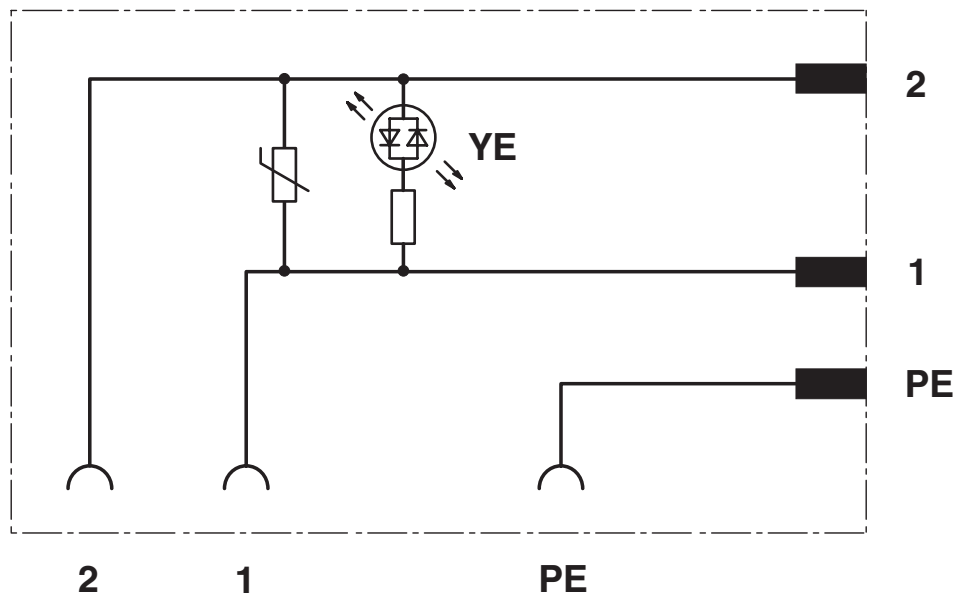
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Drawings

Dimensional drawing



Circuit diagram



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Approvals



EAC

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



EAC

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

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Classifications

ECLASS

ECLASS-9.0	27440105
ECLASS-10.0.1	27440105
ECLASS-11.0	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 = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

Cable reel

Cable reel - SAC-3P-100,0-PUR/0,5 - 1457393

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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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