

SACC-V-3CON-PG9/BI-1L-S - Valve connectors



1671140

<https://www.phoenixcontact.com/us/products/1671140>

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Valve connectors, Universal, 3-position, Valve connector BI (11 mm), Screw connection, cable gland Pg9, external cable diameter 6 mm ... 8 mm

Commercial data

Item number	1671140
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF36
Product key	BF2DCA
Catalog page	Page 30 (C-2-2019)
GTIN	4017918134990
Weight per piece (including packing)	31.7 g
Weight per piece (excluding packing)	31.41 g
Customs tariff number	85366990
Country of origin	CZ

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.
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Product properties

Product type	Valve connectors
Sensor type	Universal
Number of positions	3
No. of cable outlets	1
Shielded	no
Pg screw connection	Pg9

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Material housing valve plug	PA
Contact material	CuSn
Valve plug contact insert material	PBT
Contact surface material	Ag

Dimensions

External dimensions

Outside diameter	6 mm ... 8 mm
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Electrical properties

Contact resistance	≤ 4 mΩ
Insulation resistance	> 2 GΩ
Nominal voltage U_N	24 V AC
	24 V DC
Nominal current I_N	4 A
Protective circuit	Surge protection; Z diode

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50 (Valve connector)
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Signaling

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Status display	Yellow LED
Status display present	Yes

Connection data

Connection method	Screw connection
Conductor cross section	0.34 mm ² ... 2.5 mm ²
Connection cross section AWG	22 ... 13

Connector

Connection 1

Head design	Valve connector
Head thread type	BI (11 mm)

Environmental and real-life conditions

Ambient conditions

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

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Classifications

ECLASS

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

ETIM

ETIM 9.0	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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