SACC-VB-3CON-M20/A-GVL 12/24V - Valve connector

1452178

https://www.phoenixcontact.com/us/products/1452178

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Valve connector, Universal, 3-position, Valve connector A, Screw connection, cable gland M20 x 1.5, external cable diameter 6 mm ... 8 mm, Version: 24 V AC

Commercial data

Item number	1452178
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF36
Product key	AF2DAA
GTIN	4046356536349
Weight per piece (including packing)	33.9 g
Weight per piece (excluding packing)	31.1 g
Customs tariff number	85366990
Country of origin	HU

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Technical data

Notes

Assembly note	NOTE: Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.

Product properties

Product type	Valve connectors
Number of positions	3
No. of cable outlets	1
Shielded	no
Pg screw connection	M20 x 1.5

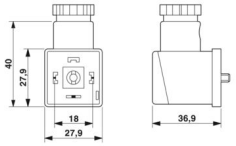
Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Material grommet GRP	NBR
Material housing valve plug	PA
Contact material	CuZn
Contact surface material	CuSn

Dimensions

Dimensional drawing	
Width	27.9 mm
Height	36.9 mm
Length	40 mm

External dimensions

Outside diameter	6 mm ... 8 mm

Electrical properties

Insulation resistance	> 2 GΩ
Nominal voltage U_N	24 V AC ±10 %
Nominal current I_N	1.5 A
Protective circuit	Surge protection; Varistor and rectifier

Valve connector characteristics

Fixing screws	M3 x 37,5

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50 (Valve connector)

Signaling

Status display	LED (yellow)
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	A

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation) (Valve connector)	-25 °C ... 60 °C (Valve connector)

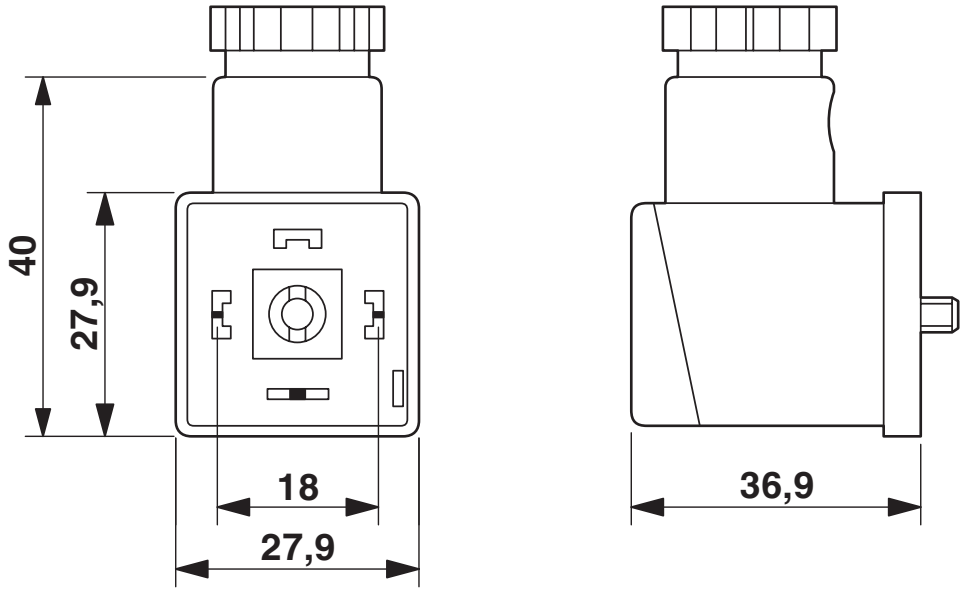
Standards and regulations

Valve connector

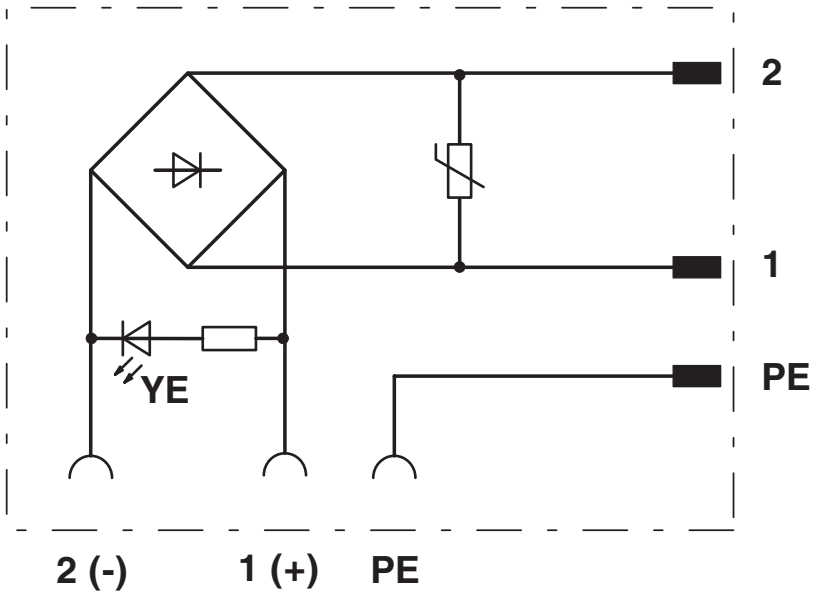
Standard designation	Valve connector
Standards/specifications	EN 175301-803

Drawings

Dimensional drawing



Circuit diagram



Classifications

ECLASS

ECLASS-13.0	27440105
ECLASS-15.0	27440105

ETIM

ETIM 10.0	EC003623

UNSPSC

UNSPSC 21.0	31251500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	15b82e84-8cf8-4001-b941-ca6a2c8b5dc8

EF3.1 Climate Change

CO2e kg	0.938 kg CO2e

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