SACC-VB-5CON-M20/AD-2L 24V - Valve connector

1457908

https://www.phoenixcontact.com/nl/products/1457908

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Valve connector, Universal, 5-position, Valve connector AD (pressure switch), Screw connection, cable gland M20 x 1.5, external cable diameter 6 mm ... 8 mm

Commercial data

Item number	1457908
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AF2DAA
Product key	AF2DAA
GTIN	4046356630689
Weight per piece (including packing)	32,9 g
Weight per piece (excluding packing)	32,3 g
Customs tariff number	85366990
Country of origin	HU

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

Sensor type	Universal
Number of positions	5
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
Seal material	NBR
Material housing valve plug	PA
Contact material	CuZn
Contact surface material	CuSn

Dimensions

External dimensions

Outside diameter	6 mm ... 8 mm

Electrical properties

Contact resistance	≤ 4 mΩ
Insulation resistance	> 2 GΩ
Nominal voltage U_N	24 V AC
	24 V DC
Nominal current I_N	1.5 A
Protective circuit	unwired

Valve connector characteristics

Fixing screws	M3 x 37,5

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50 (Valve connector)

Signaling

Status display	2 LEDs
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	AD (pressure switch)

Environmental and real-life conditions

Ambient conditions

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

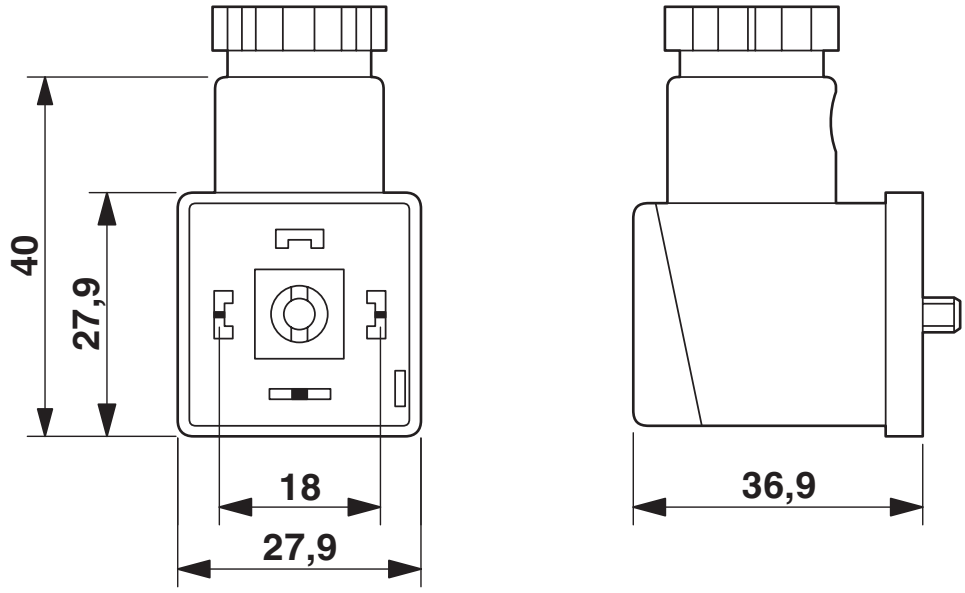
Standards and regulations

Valve connector

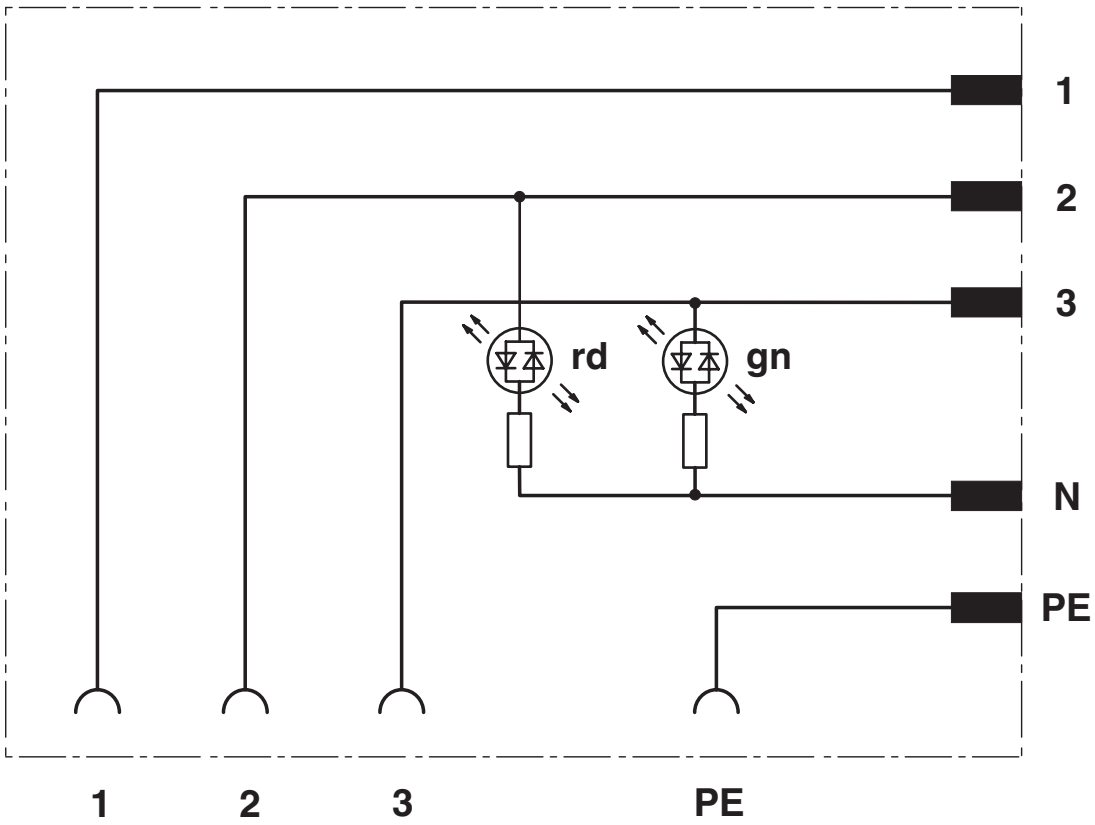
Standard designation	Valve connector
Standards/specifications	EN 175301-803

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	68c48164-1c36-46ae-8070-1ff99147a030

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT B.V.
Hengelder 56 6902 PA Zevenaar
Postbus 246 6900 AE Zevenaar
(0316) 59 17 20
sales@phoenixcontact.nl