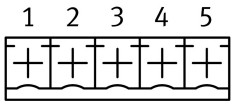
Pressure vacuum generator
PGVA-1-P-D30-Q4-A

Part number: 8165129





Data sheet

Feature	Value
Mounting position	Any
Grade of filtration	0.01 µm
Configuration support	CODESYS V3 Python scripts Integrated web server
Parameterization	System Parameters CODESYS V3
Display	LED
Output pressure 1	-0.045 MPa
Output pressure 2	0.045 MPa
Standard flow rate (standardized according to DIN 1343)	1 l/min
Dimensions W x L x H	210 mm x 208 mm x 76 mm
DC operating voltage range	21.6 V...26.4 V
Electrical power consumption	19 W
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 10%
Power supply, function	Digital outputs Load and functional earth
Power supply, type of connection	Socket
Power supply, connection technology	Terminal strip
Power supply, number of pins/wires	5
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Storage temperature	-20 °C...70 °C
Relative air humidity	0 - 85% Non-condensating

Feature	Value
Sound power level	55 dB(A)
Degree of protection	IP20
Ambient temperature	0 °C...40 °C
Product weight	3.2 kg
Absolute accuracy in ± %FS at room temperature	1 %FS
Electrical actuation	COM port Ethernet Integrated controller
Serial interface, function	Communication Parameterization and commissioning
Serial interface, connection type	Socket
Serial interface, connection technology	Sub-D
Serial interface, protocol	RS232
Serial interface, transmission rate	1200 ... 115200 bit/s
Ethernet interface, connection type	Socket
Ethernet interface, connection technology	RJ45
Ethernet interface, transmission rate	100 Mbit/s
Ethernet interface, function	Parameterization and commissioning
Ethernet interface, protocol	Modbus® TCP
Electrical sensor connection, connection type	Socket
Electrical connection sensor, design	Round
Electrical sensor connection, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection sensor, input signal	0 - 10 V 0 - 5 V
Electrical connection sensor, output signal	24V DC
Type of mounting	With internal thread M4
Pneumatic connection 1	QS-4
Pneumatic connection, number	1
Housing colour	Gray
Note on materials	RoHS compliant
Housing material	Aluminum, powder-coated