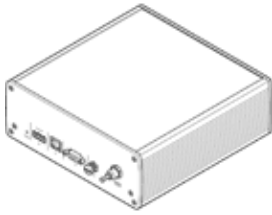


pressure vacuum generator PGVA-1-P-D30-Q4-A

Part number: 8165129
New

FESTO



Data sheet

Feature	Value
Assembly position	Any
Grade of filtration	0.01 µm
Configuration support	CODESYS V3 Phyton scripts Integrated web server
Parameters configuring	System parameters CODESYS V3
Display	LED
Output pressure 1 (MPa)	-0.045 MPa
Output pressure 2	0.045 MPa
Standard flow rate	< 1 l/min
Dimensions W x L x H	210 mm x 208 mm x 76 mm
Operating voltage range DC	21.6 ... 26.4 V
Electrical power consumption	19 W
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 10 %
Power supply, function	Digital output Load and functional earth
Power supply, type of connection	Plug socket
Power supply, connection technology	Terminal strip
Power supply, number of pins/wires	5
Authorization	RCM Mark
CE symbol (see declaration of conformity)	according to EU-EMV guideline in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364 zone III
Storage temperature	-20 ... 70 °C
Relative air humidity	0 - 85 % non-condensing
Sound power level	55 dB(A)
Protection class	IP20
Ambient temperature	0 ... 40 °C
Product weight	3.2 kg
Absolute accuracy in ± %FS at room temperature	1 %FS
Electrical connection	COM-Port Ethernet Integrated controller
Serial interface, function	Communication Parameterisation and commissioning
Serial interface, connection type	Plug socket

Feature	Value
Serial interface, connection technology	Sub-D
Serial interface, protocol	RS232
Serial interface, transmission rate	1200 ... 115200 Bit/s
Ethernet interface, type of connection	Plug socket
Ethernet interface, connection technology	RJ45
Ethernet interface, transmission rate	100 Mbit/s
Ethernet interface, function	Parameterisation and commissioning
Ethernet interface, protocol	Modbus TCP
Electrical connection for sensor, connection type	Plug socket
Electrical connection sensor, design	Round
Electrical connection for sensor, connection technology	M8x1, A-coded to EN 61076-2-104
Electrical connection sensor, connection pattern	00991871
Electrical connection sensor, input signal	0 - 10 V 0 - 5 V
Electrical connection sensor, output signal	24V DC
Mounting type	With female thread M4
Pneumatic connection, port 1	QS-4
Pneumatic connection, number	1
Housing color	Grey
Materials note	Conforms to RoHS
Material housing	Aluminium, powder-coated