

Pressure vacuum generator PGVA-2-P1V1-Q4-A

Part number: 8163214

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Mounting position	optional
Grade of filtration	0.01 µm
Configuration support	Python scripts
Display	LED
Output pressure 1	-0.062 MPa
Output pressure 2	0.08 MPa
Standard flow rate (standardised to DIN 1343)	<1.2 l/min
Dimensions (W x L x H)	169 mm x 208 mm x 55 mm
Operational voltage range DC	21.6 V ... 26.4 V
Electrical power consumption	11 W
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 10 %
Power supply, function	Load and functional earth
Power supply, connection type	Socket
power supply, connection system	Terminal strip
Power supply, number of pins/wires	5
Power supply, connection pattern	00997301
Approval	RCM trademark
CE mark (see declaration of conformity)	To EU EMC Directive 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 with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to 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%
Sound power level	55 dB(A)
Degree of protection	IP20
Ambient temperature	0 °C ... 40 °C
Product weight	1800 g
Electrical control	Integrated controller
Type of mounting	with female thread M4
Pneumatic connection, port 1	QS-4

Feature	Value
Pneumatic connection, port 2	QS-4
Pneumatic connection, number	2
Housing colour	grey
Note on materials	RoHS-compliant
Material housing	Aluminium, powder-coated