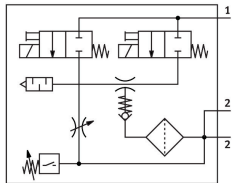


# Vacuum generator VADMI-300-LS-P

Part number: 171063

**FESTO**



## Data sheet

Feature	Value
Nominal size, Laval nozzle	3 mm
Grid dimension	22 mm
Silencer design	Closed
Mounting position	optional
Ejector characteristic	High vacuum
Grade of filtration	40 µm
Manual override	Non-detenting
Integrated function	Electric ejector pulse valve Flow control Electric on-off valve Filter Air saving function, electrical Check valve Vacuum switch
Measured variable	Relative pressure
Measuring principle	Piezoresistive
Switching element function	N/O contact
Switching function	Threshold value comparator
Valve function	Closed
Reverse polarity protection	For all electrical connections
Display type	LED
Setting range hysteresis	-60 kPa...-10 kPa -0.6 bar...-0.1 bar -8.7 psi...-1.45 psi
Setting options	Potentiometer
Switching status indication	Optical
Setting range threshold value	-90 kPa...-20 kPa -0.9 bar...-0.2 bar -13.05 psi...-2.9 psi
Operating pressure	0.2 MPa...0.8 MPa 2 bar...8 bar 29 psi...116 psi
Max. vacuum	85 %

Feature	Value
Nominal operating pressure	0.6 MPa 6 bar 87 psi
Max. overload pressure	5 bar
Air supply time at nominal operating pressure with ejector pulse	0.2 s
Operational voltage range DC	21.6 V...26.4 V
Duty cycle	100%
Switching output	PNP
Approval	RCM trademark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	To EU EMC Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	0 °C...60 °C
Degree of protection	IP65
Ambient temperature	0 °C...50 °C
Product weight	380 g
Pressure measuring range	0 MPa...0.1 MPa 0 bar...1 bar 0 psi...14.5 psi
Electrical connection	4-pin M8x1 Plugs
Type of mounting	With through-hole Via female thread Either:
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 3	Integrated silencer
Vacuum connection	G3/8
Note on materials	RoHS-compliant
Material seals	NBR
Material receiver nozzle	Brass, nickel-plated
Material filter	PA
Material filter housing	PC
Material housing	Wrought aluminium alloy
Material silencer	PE POM
Material piston	POM
Material transmitter nozzle	Nickel-plated brass