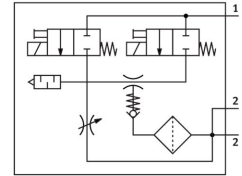


Vacuum generator VADMI-140

Part number: 162509

FESTO



 General operating condition

Data sheet

Feature	Value
Nominal size, Laval nozzle	1.4 mm
Grid dimension	22 mm
Silencer design	Closed
Mounting position	Any
Ejector characteristic	High vacuum
Grade of filtration	≤40 µm
Manual override	Non-detenting
Integrated function	Ejector pulse valve, electric Flow control On/off valve, electric Filter Check valve
Symbol	00991305
Valve function	Closed
Operating pressure	0.2 MPa ... 0.8 MPa
Operating pressure	2 bar ... 8 bar
Operating pressure	29 psi ... 116 psi
Max. vacuum	85 %
Nominal operating pressure	0.6 MPa
Nominal operating pressure	6 bar
Nominal operating pressure	87 psi
Air supply time at nominal operating pressure with ejector pulse	0.19 s
Operational voltage range DC	21.6 V ... 26.4 V
Duty cycle	100%
Approval	c UL us - Recognised (Oil)
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 ... 60 °C
Product weight	320 g
Electrical connection	Plug
Type of mounting	With through-hole With female thread

Feature	Value
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 3	Integrated silencer
Vacuum connection	G1/4
Note on materials	RoHS compliant
Material seals	NBR
Material receiver nozzle	Nickel-plated brass
Material filter	Process automation
Material filter housing	Makrolon®
Material housing	Wrought aluminium alloy
Material silencer	Packaging unit POM
Material piston	POM
Material transmitter nozzle	Nickel-plated brass