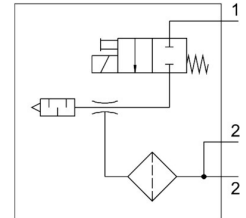


# Vacuum generator VADM-140

Part number: 162503

FESTO



General operating condition

## Data sheet

Feature	Value
Nominal size, Laval nozzle	1.4 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 on-off valve Filter
Symbol	00991303
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	0.69 s
Operational voltage range DC	21.6 V ... 26.4 V
Duty cycle	100%
Approval	c UL us - Recognized (OL)
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	290 g
Electrical connection	Plugs
Type of mounting	Either: With through-hole Via female thread

<b>Feature</b>	<b>Value</b>
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	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