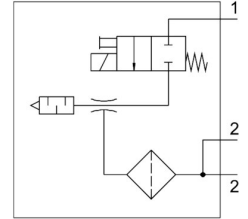
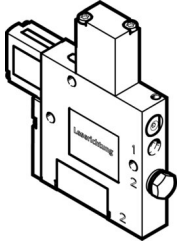


Vacuum generator VADM-45

Part number: 162500

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Nominal size, Laval nozzle	0.45 mm
Grid dimension	10 mm
Silencer design	Closed
Mounting position	Any
Ejector characteristic	High vacuum
Grade of filtration	≤40 µm
Manual override	Non-detenting
Integrated function	On/off valve, electric Filter
Symbol	00991303
Valve function	Closed
Operating pressure	0.15 MPa ... 0.8 MPa
Operating pressure	1.5 bar ... 8 bar
Operating pressure	21.75 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	5.9 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	60 g
Electrical connection	Plug
Type of mounting	With through-hole With female thread
Pneumatic connection, port 1	M5

Feature	Value
Pneumatic connection, port 3	Integrated silencer
Vacuum connection	M5
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