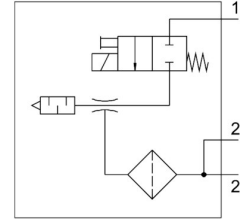
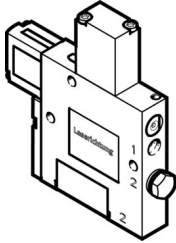


# Vacuum generator VADM-45

Part number: 162500

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Nominal width of Laval nozzle	0.45 mm
Width dimension	10 mm
Muffler construction type	Closed
Mounting position	Any
Ejector characteristics	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
DC operating voltage range	21.6 V ... 26.4 V
Duty cycle	100%
Certification	c UL us - Recognized (OL)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication not possible
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	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 internal thread
Pneumatic connection 1	M5

<b>Feature</b>	<b>Value</b>
Pneumatic connection 3	Pneumatic muffler integrated
Vacuum connection	M5
Note on materials	RoHS-compliant
Seals material	NBR
Female nozzle material	Brass, nickel-plated
Compressed air filter material	PA
Material of filter housing	PC
Housing material	Wrought aluminum alloy
Muffler material	PE POM
Material of piston	POM
Material of jet nozzle	Brass, nickel-plated