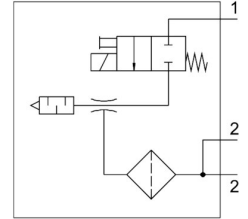
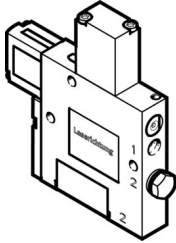


Vacuum generator VADM-45

Part number: 162500

FESTO



 General operating condition

Data sheet

Feature	Value
Nominal size, Laval nozzle	0.45 mm
Grid dimension	10 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	0.15 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 - 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	60 g
Electrical connection	Plugs
Type of mounting	With through-hole Via 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	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