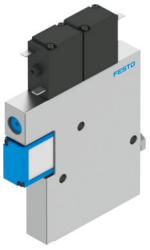
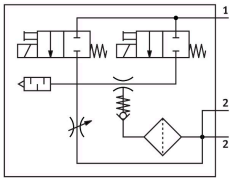
Vacuum generator
VADMI-45

Part number: 162506





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	Ejector pulse valve, electric Flow control valve Electric on-off valve Filter Check valve
Valve function	Closed
Operating pressure	0.15 MPa...0.8 MPa 1.5 bar...8 bar 21.75 psi...116 psi
Max. vacuum	85 %
Nominal operating pressure	0.6 MPa 6 bar 87 psi
Air supply time at nominal operating pressure with ejector pulse	1.9 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	85 g
Electrical connection	Plug

Feature	Value
Type of mounting	Alternatively: With through-hole With internal thread
Pneumatic connection 1	M5
Pneumatic connection 3	Integrated muffler
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	Protective grounding POM
Material of piston	POM
Material of jet nozzle	Brass, nickel-plated