

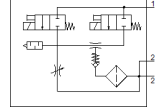
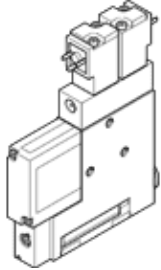
Vacuum generator

VADMI-140

Part number: 162509
Classic - do not use for new projects

FESTO

With integrated solenoid valve for vacuum On/Off and ejector pulse
Modern alternatives can be found by entering the first four characters of the type code in the search field.



Data sheet

Feature	Value
Nominal size, Laval nozzle	1.4 mm
Grid dimension	22 mm
Design, silencer	closed
Assembly position	Any
Ejector characteristic	High vacuum
Grade of filtration	$\leq 40 \mu\text{m}$
Manual override	Pushing
Integrated function	Ejector pulse valve, electrical Flow control valve Electrical on-off valve Filter Non-return valve
Valve function	closed
Operating pressure MPa	0.2 ... 0.8 MPa
Working pressure	2 ... 8 bar
Operating pressure	29 ... 116 psi
Max. vacuum	85 %
Nominal operating pressure	0.6 MPa
Nominal working pressure	6 bar
Nominal operating pressure (psi)	87 psi
Air supply time at nominal operating pressure with ejector pulse	0.19 s
Operating voltage range DC	21.6 ... 26.4 V
Duty cycle	100 %
Authorization	c UL us - Recognized (OL)
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	0 ... 60 °C
Protection class	IP65
Ambient temperature	0 ... 60 °C
Product weight	320 g
Electrical connection	Plug
Mounting type	with through hole with internal (female) thread Optional
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 3	Integrated silencer
Vacuum connection	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
Material receiver nozzle	Nickel-plated brass

Feature	Value
Material filter	PA
Material filter housing	PC
Material housing	Wrought Aluminum alloy
Material silencer	PE POM
Material piston	POM
Material transmitter nozzle	Nickel-plated brass