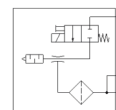
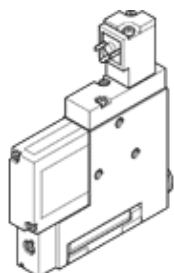


vacuum generator VADM-140

Part number: 162503

FESTO

With integrated solenoid valve for vacuum On/Off



Data sheet

Feature	values
Nominal size, Laval nozzle	1.4 mm
Grid dimension	22 mm
Design, silencer	closed
Assembly position	Any
Ejector characteristic	High vacuum
Grade of filtration	<= 40 µm
Manual override	Pushing
Integrated function	Electrical on-off valve Filter
Valve function	closed
Operating pressure	2 ... 8 bar
Max. vacuum	85 %
Nominal operating pressure	6 bar
Air supply time at nominal operating pressure	0.69 s
Operating voltage range DC	21.6 ... 26.4 V
Duty cycle	100%
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
Medium temperature	0 ... 60 °C
Protection class	IP65
Ambient temperature	0 ... 60 °C
Authorisation	c UL us - Recognized (OL)
Product weight	290 g
Electrical connection	Plug
Mounting type	Optional with through hole with internal (female) thread
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 3	Integrated silencer
Vacuum connection	G1/4
Materials note	Free of copper and PTFE
Materials information for seals	NBR
Material information, collector nozzle	Nickel-plated brass
Materials information for filter	PA
Material information, filter housing	PC
Materials information, housing	Wrought Aluminium alloy
Material information, silencer	PE POM
Materials information for piston	POM
Material information, jet nozzle	Nickel-plated brass