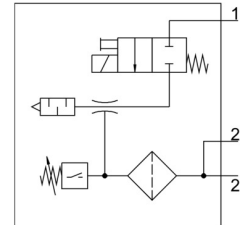


Vacuum generator VADM-300-N

Part number: 162523

FESTO



Data sheet

Feature	Value
Nominal width of Laval nozzle	3 mm
Width dimension	22 mm
Type code	VADM
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 Shut off valve, electric Compressed air filter Non-return valve Vacuum switch
Measured variable	Relative pressure
Measuring principle	Piezoresistive
Switching element function	N/O contact
Switching function	Threshold value comparator
Symbol	00991304
Valve function	Closed
Reverse polarity protection	for all electrical connections
Display type	LED
Setting range hysteresis	-0.5 bar ... -0.05 bar
Setting options	Potentiometer
Switching status indication	Optical
Setting range threshold value	-0.9 bar ... 0 bar
Operating pressure	2 bar ... 8 bar
Max. vacuum	85 %
Nominal operating pressure	6 bar
Air supply time at nominal operating pressure	0.26 s
DC operating voltage range	21.6 V ... 26.4 V
Duty cycle	100%
Switching output	NPN
Certification	RCM compliance mark c UL us - Recognized (OL)
CE marking (see declaration of conformity)	As per EU EMC directive

Feature	Value
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
Temperature of medium	0 °C ... 60 °C
Degree of protection	IP65
Ambient temperature	0 °C ... 50 °C
Product weight	350 g
Pressure measuring range	0 bar ... 1 bar
Electrical connection	4-pin M8x1 Plug
Type of mounting	Optionally: With through-hole With internal thread
Pneumatic connection 1	G1/4
Pneumatic connection 3	Pneumatic muffler integrated
Vacuum connection	G3/8
Note on materials	Free of copper and PTFE 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