

Vacuum Generator VADM-300-P - Festo 162522

Item no. FES-162522

Manufacturer Festo

EAN 4052568131449

Festo vacuum component for safe gripping, holding and handling in automation.

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
HS-Code	84141089
Pneumatischer Anschluss	G1/4
Schutzart	IP65
Weight	0.41 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo vacuum component for safe gripping, holding and handling in automation. The key technical data of this genuine Festo article are listed below.

Nominal width laval nozzle [mm]	3,00
Pitch dimension [mm]	22
Construction type silencer type	closed
installation position	arbitrary
Ejector characteristic	High vacuum
Filter porosity [µm]	<= 40 µm
Hand assist actuation	tentative
Integrated function	check valves vacuum switch Electrical switch on valve Ejection impulse electrical flow control valve (both directions) filter
Valve function	closed
Operating pressure [bar]	2 to 8

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max. vacuum [%]	85
Nominal operating pressure [bar]	6
Venting time for nominal operating pressure [s]	0,26
Operating voltage range DC [V]	21.6 to 26.4
Power-on time	100 %
Permission	RCM mark c UL us - Recognized (OL)
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation not possible
Corrosion resistant class KBK	2 - moderate corrosion stress
Medium temperature [°C]	0 to 60
Protection category	IP65
ambient temperature [°C]	0 to 50
Product weight [g]	350
Electrical connection	M8x1 4 pin Plug
Fastening type	With throughway bores With female thread Selectively:
Pneumatic connection 1	G1/4
Pneumatic connection 3	Silencer integrated
vacuum connection	G3/8
Material information	Copper and PTFE-free RoHs compliant
Seals material	NBR
Capture nozzle material	Nickel-plated brass
Filter material	PA
Filter housing material	PC
Housing material	Aluminium wrought alloy
Silencer material	PE POM
Piston material	POM
Jet nozzle material	Nickel-plated brass
Measured parameter	Relative pressure
Measurement principle	Piezoresistive
Switching element function	NO contact
Switch function	Threshold comparator
Reverse polarity protection	for all electrical connections
Display type	LED
Settings range hysteresis [bar] [bar]	-0.5 to -0.05
Setting options	Potentiometer

Switching status indicator	Visual
Settings range threshold value [bar]	-0,9
Control output	PNP
CE certificate (see declaration of conformity)	to EU EMC directive
Pressure measurement range [bar]	0 to 1