

Vacuum Generator VN-07-H-T4-PQ2-VQ2-02-P - Festo 536801

Item no. FES-536801

Manufacturer Festo

EAN 4052568171896

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
HS-Code	84141089
Pneumatischer Anschluss	QS-6
Schutzart	IP40
Weight	0.07 kg
Werkstoff	POM



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]	0,70
Pitch dimension [mm]	16,0
installation position	arbitrary
Ejector characteristic	High vacuum Standard
Construction set up	T-shape
Operating pressure for max. suction volume flow [bar]	3,0
Operating pressure [bar]	1 to 8
Operating pressure for max. vacuum [bar]	4,4
max. vacuum [%]	92
Nominal operating pressure [bar]	6
Max. suction volume current against atmosphere [l/min]	16,2

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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	1 - low corrosion stress
Medium temperature [°C]	0 to 60
ambient temperature [°C]	0 to 50
Max. tightening torque [Nm]	0,6
Product weight [g]	36
Fastening type	With throughway bores
Pneumatic connection 1	QS-6
Pneumatic connection 3	Silencer open
vacuum connection	QS-6
Seals material	NBR
Capture nozzle material	POM
Housing material	POM reinforced
Jet nozzle material	Aluminium wrought alloy
Screw connection material	brass nickel-plated
Construction type silencer type	open
Integrated function	Silencer open vacuum switch
Noise level for nominal operating pressure [dB(A)]	66
Silencer material	PE
Row switching recommendation	Soapy water
Short circuit resistance	Cycling
Measured parameter	Relative pressure
Measurement principle	Piezoresistive
Measurement process	Relative
Switching element function	NO contact
Switch function	Threshold comparator Threshold value with variable hysteresis
Reverse polarity protection	for all electrical connections
Display type	LED
Setting options	Teach-in
Switching status indicator	LED
Settings range threshold value [bar]	-1
Switch off time [ms]	<= 4 ms
Switch on time [ms]	<= 4 ms
Operating voltage range DC [V]	15 to 30

Inductive protection circuit	adjusted to MZ, MY, ME coils
Max. output current [mA]	100
Residual current [mA]	<= 0,3 mA
residual ripple	10 %
Control output	PNP
Voltage drop [V]	<= 1,5 V
Overload resistant	Available
Permission	RCM mark
KC-mark	KC-EMV
CE certificate (see declaration of conformity)	to EU EMC directive
Protection category	IP40
Pressure measurement range [bar]	-1
Accuracy FS [%FS]	1,5
Long term drift	± 0.5 % FS max.
Temperature coefficient switch point [%/K]	0,05
Electrical connection	M8 3 pin
Light guide material	PC
Plug housing material	PA brass Chrome and nickel-plated
Button field material	POM