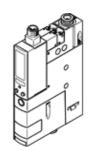
Vacuum generator OVEM-10-H-BN-QO-CN-N-2P Part number: 539994

FESTO

Supply/vacuum port with QS inch fittings, exhaust port with open silencer.





Data sheet

Feature	Value	
Nominal size, Laval nozzle	0.95 mm	
Grid dimension	20 mm	
Design, silencer	open	
Assembly position	Any	
Ejector characteristic	High vacuum	
	Standard	
Grade of filtration	40 μm	
Manual override	Pushing	
	Additionally via operating buttons	
Integrated function	Electrical on-off valve	
	Filter	
	Open silencer	
	Vacuum switch	
Design structure	modular	
Short circuit strength	Yes	
Measured variable	Relative pressure	
Measuring principle	Piezoresistive	
Switching element function	Normally closed contact	
_	Normally open contact	
Switching function	Window comparator	
_	Threshold value comparator	
Valve function	closed	
Polarity protected	for all electrical connections	
Standard switching input	IEC 61131-2	
Type of display	4-place alphanumeric	
	Backlit LCD	
Indicating range	-29.5 0 inchHg	
Unit(s) that can be displayed	inchHg	
Threshold setting range	-0.999 0 bar	
Hysteresis adjustment range [bar]	-0.9 0 bar	
Setting options	Via display and buttons	
Switching position indicator	LCD	
Operating status display	Optical	
Working pressure	2 8 bar	
Working pressure for max. vacuum	3.5 bar	
Max. vacuum	93 %	
Nominal working pressure	6 bar	
Max. suction rate with respect to atmosphere	19.5 l/min	
Air supply time at nominal working pressure	1.2 s	
Operating voltage range DC	20.4 27.6 V	
Duty cycle	100%	
Inductive protective circuit	Adapted to MZ-, MY-, ME coils	
Insulation voltage	50 V	
Idle current	< 70 mA	



Residual current 0.1 mA Voltage drop 4.1.5 V Characteristic col data 2.4 V DC Tow current phase 0.3 W, high current phase 2.55 W Surge strength 0.8 kV Overload withstand capability Available Degree of contamination 3 Operating medium Compressed ain a accordance with 1508573-122010 [7-M4] Was on operating and pilot medium Lubricated operation not possible CE symbol (see declaration of conformity) according to EU-ENV guideline Corrosion resistance dassification CRC 2 Medium temperature 0.50 °C Relative air humidoly 5.8 % Noise level at nominal operating pressure 7.360(X) Protection class IPS Salvey class III Authorization RCM Mark Cut us - Listed (01) Max. Eightening torque 0.8 Nm with female thread Accuracy, FS 3 76FS Switching point reproducibility, FS 0.6 % No % Nm with clearance hole Pressure measuring range -1 0 bar Accuracy, FS 3 76FS <th>Feature</th> <th>Value</th>	Feature	Value
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