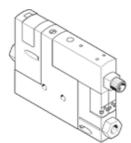
vacuum generator OVEM-07-H-B-GO-OE-N-2P Part number: 540006

Supply/vacuum port with G threads, exhaust port with open silencer



Data sheet

Feature	Value
Nominal size, Laval nozzle	0.7 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	Ejector pulse valve, electrical
	Flow control valve
	Electrical on-off valve
	Filter
	Air saving function, electrical
	Non-return valve
	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	open
Polarity protected	for all electrical connections
Standard switching input	IEC 61131-2
Type of display	4-place alphanumeric
	Backlit LCD
Indicating range [bar]	-0.999 0 bar
Unit(s) that can be displayed	bar
Hysteresis adjustment range [bar]	-0.9 0 bar
Setting options	Via display and buttons
Switching position indicator	LCD
Operating status display	Optical
Threshold setting range	-0.999 0 bar
Operating pressure	2 8 bar
Operating pressure for max. vacuum	4.1 bar
Max. vacuum	93 %
Nominal operating pressure	6 bar
Max. suction rate with respect to atmosphere	16 l/min
Air supply time at nominal operating pressure	0.4 s
Operating voltage range DC	20.4 27.6 V



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Material connector housingNickel-plated brassMaterial electrical contactBrass, gold-platedMaterial pinsSteelMaterial transmitter nozzleWrought Aluminium alloy		
Material electrical contact Brass, gold-plated Material pins Steel Material transmitter nozzle Wrought Aluminium alloy	Material connector housing	
Material pins Steel Material transmitter nozzle Wrought Aluminium alloy		,
Material transmitter nozzle Wrought Aluminium alloy	Material pins	
Material keypad TPE-U		Wrought Aluminium alloy
	Material keypad	- ;

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Feature	Value
Material fitting	Anodised wrought aluminium alloy