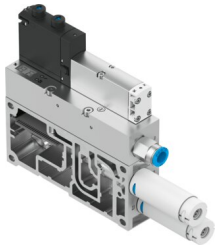
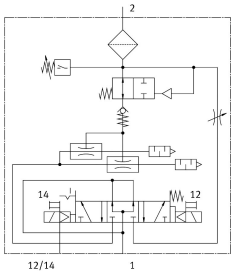
Vacuum generator
VABF-S4-2-V2B1-G38-CB-VL-20-AP

Part number: 8067144





Data sheet

Feature	Value
Construction width	35 mm
Nominal size, Laval nozzle	2 mm
Silencer design	Open
Type of actuation	Electric
Reverse polarity protection	For all electrical connections
Mounting position	optional
Ejector characteristic	High suction rate Standard
Manual override	Detenting Non-detenting Covered
Integrated function	Flow control Electric on-off valve Air saving function, electrical Power ejector pulse valve, electric Check valve Open silencer Vacuum switch
Measured variable	Relative pressure
Measuring principle	Piezoresistive
Switching function	Window comparator Threshold value comparator
Valve function	5/3-way, pressurised
Display type	LED LED indicator 2-digit
Displayable units	kPa
Setting range threshold value	0 kPa...99 kPa
Hysteresis setting range	0 kPa...90 kPa
Setting options	Teach-in Via parameter sets
Signal status display	LED

Feature	Value
Switching status display sensor	LED
Operating pressure for max. suction flow rate	5 bar
Operating pressure	4 bar...8 bar
Nominal operating pressure	6 bar
Pilot pressure	4 bar...10 bar
Max. suction flow rate against atmosphere	179 l/min
Air supply time at nominal operating pressure	0.25 s
Operational voltage range DC	21.6 V...30 V
No-load supply current	30 mA
Duty cycle	100%
Approval	RCM trademark
CE mark (see declaration of conformity)	To EU EMC Directive
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-5 °C...50 °C
Sound pressure level at nominal operating pressure	61 dB(A)
Degree of protection	IP65
Protection class	III
Ambient temperature	-5 °C...50 °C
Product weight	970 g
Pressure measuring range	-1 bar...0 bar
Display range start value	0 kPa
Display range end value	99 kPa
Accuracy in ± % FS	3 %FS
Reproducibility of switching values FS	1 %
Electrical control	Fieldbus
Electrical connection	Via CPX
Pneumatic connection, port 3	Open silencer
Vacuum connection	G3/8
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material receiver nozzle	POM
Material housing	Wrought aluminium alloy
Material plate	Die-cast aluminium
Material adjusting screw	High-alloy stainless steel
Material silencer	POM PU foam
Material screws	Steel
Material transmitter nozzle	Wrought aluminium alloy