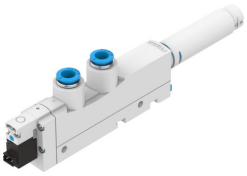
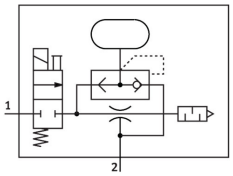
Vacuum generator
VN-14-L-T4-PQ3-VQ3-RO2-B

Part number: 532649





General operating condition

Data sheet

Feature	Value
Nominal size, Laval nozzle	1.4 mm
Grid dimension	18 mm
Silencer design	Open
Mounting position	optional
Ejector characteristic	Standard High suction volume
Manual override	Non-detenting
Integrated function	Ejector pulse valve, pneumatic Electric on-off valve Open silencer
Design	T-shape
Symbol	00991944
Valve function	2/2
Operating pressure for max. suction flow rate	5 bar
Operating pressure	2 bar ... 8 bar
Nominal operating pressure	6 bar
Max. suction flow rate against atmosphere	92.6 l/min
Air supply time at nominal operating pressure	0.32 s
Operational voltage range DC	21.6 V ... 26.4 V
Electrical power consumption	1.2 W
Duty cycle	100%
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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	0 °C ... 50 °C
Sound pressure level at nominal operating pressure	69 dB(A)
Degree of protection	IP40
Ambient temperature	0 °C ... 50 °C
Product weight	100 g
Electrical connection	Plugs
Type of mounting	With through-hole With H-rail With accessories
Pneumatic connection, port 1	QS-8
Pneumatic connection, port 3	Open silencer

Feature	Value
Vacuum connection	QS-8
Material connecting thread	Anodised wrought aluminium alloy
Note on materials	RoHS-compliant
Material seals	NBR
Material receiver nozzle	POM
Material housing	PA-reinforced POM-reinforced
Material silencer	Wrought aluminium alloy POM PU foam
Material screws	Steel
Material transmitter nozzle	Wrought aluminium alloy
Material fitting	Brass Nickel-plated