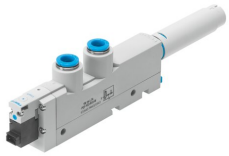
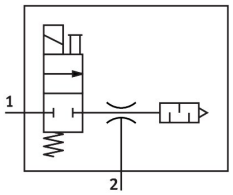
Vacuum generator
VN-14-H-T4-PQ3-VQ3-RO2-M

Part number: 532644





Data sheet

Feature	Value
Nominal width of Laval nozzle	1.4 mm
Width dimension	18 mm
Muffler construction type	Open
Mounting position	Any
Ejector characteristics	Standard High negative pressure
Manual override	Non-detenting
Integrated function	Electric on-off valve Muffler open
Structural design	T-shape
Valve function	2/2
Operating pressure for max. suction rate	4 bar
Operating pressure	2 bar...8 bar
Operating pressure for max. vacuum	3.5 bar
Max. vacuum	92 %
Nominal operating pressure	6 bar
Max. suction rate with respect to atmosphere	48.8 l/min
Air supply time at nominal operating pressure	0.5 s
DC operating voltage range	21.6 V...26.4 V
Electrical power consumption	1.2 W
Duty cycle	100%
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication not possible
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Temperature of medium	0 °C...50 °C
Noise level at nominal operating pressure	69 dB(A)
Degree of protection	IP40
Ambient temperature	0 °C...50 °C
Product weight	98 g
Electrical connection	Plug

Feature	Value
Type of mounting	With through-hole With DIN rail With accessories
Pneumatic connection 1	QS-8
Pneumatic connection 3	Muffler open
Vacuum connection	QS-8
Material of connecting thread	Wrought aluminum alloy, anodized
Note on materials	RoHS compliant
Seals material	NBR
Female nozzle material	POM
Housing material	PA-reinforced Reinforced POM
Muffler material	Wrought aluminum alloy POM PU foam
Material of screws	Steel
Material of jet nozzle	Wrought aluminum alloy
Material of pneumatic fitting	Brass Nickel-plated