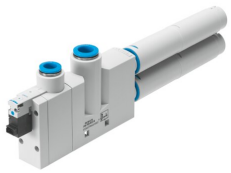
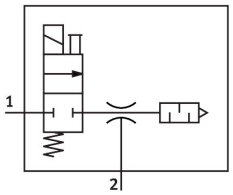
Vacuum generator
VN-20-H-T6-PQ4-VQ5-RO2-M

Part number: 532656





Data sheet

Feature	Value
Nominal width of Laval nozzle	2 mm
Width dimension	24 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	2 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	98 l/min
Air supply time at nominal operating pressure	0.24 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	63 dB(A)
Degree of protection	IP40
Ambient temperature	0 °C...50 °C
Product weight	215 g
Electrical connection	Plug

Feature	Value
Type of mounting	With through-hole With accessories
Pneumatic connection 1	QS-10
Pneumatic connection 3	Muffler open
Vacuum connection	QS-12
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