

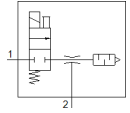
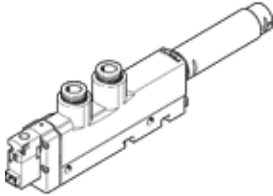
vacuum generator

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

Part number: 532644

FESTO

With built-in solenoid valve. Standard, high vacuum, width 18 mm, T shape with plug connector and open silencer.



Data sheet

Feature	Value
Nominal size, Laval nozzle	1.4 mm
Grid dimension	18 mm
Design, silencer	open
Assembly position	Any
Ejector characteristic	Standard High vacuum
Manual override	Pushing
Integrated function	Electrical on-off valve Open silencer
Design structure	T-shaped
Valve function	2/2
Operating pressure for max. suction rate	4 bar
Operating pressure	2 ... 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
Operating voltage range DC	21.6 ... 26.4 V
Electrical power consumption	1.2 W
Duty cycle	100 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364 zone III
Medium temperature	0 ... 50 °C
Noise level at nominal operating pressure	69 dB(A)
Protection class	IP40
Ambient temperature	0 ... 50 °C
Product weight	98 g
Electrical connection	Plug
Mounting type	with through hole with top-hat rail with accessories
Pneumatic connection, port 1	QS-8
Pneumatic connection, port 3	Open silencer
Vacuum connection	QS-8
Material of connecting thread	Wrought aluminium alloy, anodised
Materials note	Conforms to RoHS
Material seals	NBR
Material receiver nozzle	POM
Material housing	PA-reinforced POM-reinforced

Feature	Value
Material silencer	Wrought Aluminium alloy POM PU foam
Material screws	Steel
Material transmitter nozzle	Wrought Aluminium alloy
Material fitting	Brass Nickel plated