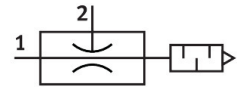


# Vacuum generator

## VN-14-H-T4-PQ2-VQ3-R02-F1A

Part number: 8187685

FESTO



## Data sheet

Feature	Value
Nominal size, Laval nozzle	1.4 mm
Grid dimension	18 mm
Silencer design	Open
Mounting position	optional
Ejector characteristic	High vacuum Standard
Integrated function	Open silencer
Design	T-shape
Operating pressure for max. suction flow rate	5.1 bar
Operating pressure	1 bar...8 bar
Operating pressure for max. vacuum	5 bar
Max. vacuum	88 %
Nominal operating pressure	6 bar
Max. suction flow rate against atmosphere	51.6 l/min
Air supply time at nominal operating pressure	0.5 s
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	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Suitability for the production of Li-ion batteries	Product corresponds to the internal product definition from Festo for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
Media temperature	0 °C...60 °C
Sound pressure level at nominal operating pressure	69 dB(A)
Ambient temperature	0 °C...60 °C
Max. tightening torque	0.5 Nm
Product weight	36 g
Type of mounting	With through-hole With accessories
Pneumatic connection, port 1	QS-6
Pneumatic connection, port 3	Open silencer

Feature	Value
Vacuum connection	QS-8
Material connecting thread	POM
Note on materials	RoHS-compliant
Material seals	NBR
Material receiver nozzle	POM
Material housing	POM-reinforced
Material silencer	Wrought aluminium alloy POM PU foam
Material transmitter nozzle	Wrought aluminium alloy