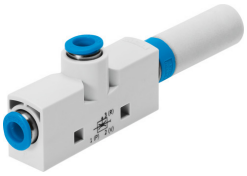
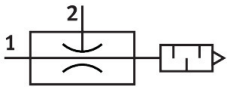
Vacuum generator
VN-10-H-T3-PQ2-VQ2-RO1-F1A

Part number: 8187684





Data sheet

Feature	Value
Nominal size, Laval nozzle	0.95 mm
Grid dimension	14 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	3.1 bar
Operating pressure	1 bar...8 bar
Operating pressure for max. vacuum	4.5 bar
Max. vacuum	89 %
Nominal operating pressure	6 bar
Max. suction flow rate against atmosphere	25 l/min
Air supply time at nominal operating pressure	1.1 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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
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	74 dB(A)
Ambient temperature	0 °C...60 °C
Max. tightening torque	0.5 Nm
Product weight	24 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-6
Material connecting thread	POM
Note on materials	RoHS-compliant
Material seals	NBR
Material receiver nozzle	POM
Material housing	POM-reinforced
Material silencer	PE
Material transmitter nozzle	Wrought aluminium alloy