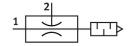
## Vacuum generator OVPN-14-L3-PG14-G12-UA Part number: 8199143

**FESTO** 





## **Data sheet**

Feature	Value
Nominal size, Laval nozzle	1.4 mm
Grid dimension	33 mm
Silencer design	Open
Mounting position	optional
Ejector characteristic	High suction rate
Integrated function	Open silencer
Design	Vacuum generator, 3-stage
Operating pressure for max. suction flow rate	0.8 MPa 8 bar 116 psi
Operating pressure	0.1 MPa0.8 MPa 1 bar8 bar 14.5 psi116 psi
Operating pressure for max. vacuum	0.79 MPa 7.9 bar 114.55 psi
Max. vacuum	81 %
Nominal operating pressure	0.6 MPa 6 bar 87 psi
Max. suction flow rate against atmosphere	245 l/min
Air supply time at nominal operating pressure	0.37 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-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 °C60 °C
Recommended cleaning/purification	Soap suds (except silencers)
Sound pressure level at nominal operating pressure	60 dB(A)
Ambient temperature	0 °C60 °C

Feature	Value
Product weight	225 g
Type of mounting	Via mounting bracket
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 3	Open silencer
Vacuum connection	G1/2
Material connecting thread	РОМ
Material seals	NBR
Material receiver nozzle	Reinforced PA
Material housing	РОМ
Material silencer	PA-reinforced PU foam
Material screws	High-alloy stainless steel
Material transmitter nozzle	Reinforced PA