

# Vacuum generator OVPN-20-L2-PG14-G34-UA

Part number: 8199144

FESTO



## Data sheet

Feature	Value
Nominal width of Laval nozzle	2 mm
Width dimension	29.4 mm
Muffler construction type	Open
Mounting position	Any
Ejector characteristics	High suction rate
Integrated function	Pneumatic muffler open
Structural design	Vacuum generator 2-stage
Operating pressure for max. suction rate	0.5 MPa 5 bar 72.5 psi
Operating pressure	0.1 MPa...0.8 MPa 1 bar...8 bar 14.5 psi...116 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 rate with respect to atmosphere	317 l/min
Air supply time at nominal operating pressure	0.19 s
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)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitability for the production of Li-ion batteries	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, circuit boards, cables, electrical plug connectors and coils
Temperature of medium	0 °C...60 °C
Cleaning advice	Soap suds (except silencers)
Noise level at nominal operating pressure	66 dB(A)
Ambient temperature	0 °C...60 °C
Product weight	470 g

<b>Feature</b>	<b>Value</b>
Type of mounting	Direct mounting via through-hole With mounting bracket
Pneumatic connection 1	G1/4
Pneumatic connection 3	Pneumatic muffler open
Vacuum connection	G3/4
Material of connecting thread	POM
Seals material	NBR
Female nozzle material	PA-reinforced
Housing material	POM
Muffler material	PA-reinforced PU foam
Material of screws	High-alloy stainless steel
Material of jet nozzle	PA-reinforced