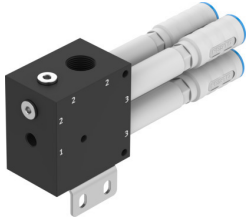


# Vacuum generator OVPN-26-L3-PG14-G34-UA

Part number: 8199150

**FESTO**



## Data sheet

| Feature  | Value   |
|--|---|
| Nominal width of Laval nozzle                      | 2.6 mm  |
| Width dimension                                    | 60 mm   |
| Muffler construction type                          | Open  |
| Mounting position                                  | Any   |
| Ejector characteristics                            | High suction rate   |
| Integrated function                                | Pneumatic muffler open  |
| Structural design                                  | Vacuum generator 3-stage  |
| Operating pressure for max. suction rate           | 0.8 MPa<br>8 bar<br>116 psi   |
| Operating pressure                                 | 0.1 MPa...0.8 MPa<br>1 bar...8 bar<br>14.5 psi...116 psi  |
| Operating pressure for max. vacuum                 | 0.79 MPa<br>7.9 bar<br>114.55 psi   |
| Max. vacuum  | 81 %  |
| Nominal operating pressure                         | 0.6 MPa<br>6 bar<br>87 psi  |
| Max. suction rate with respect to atmosphere       | 960 l/min   |
| Air supply time at nominal operating pressure      | 0.1 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 | Product corresponds to Festo's internal product definition 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, 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          | 69 dB(A)  |
| Ambient temperature                                | 0 °C...60 °C  |

| Feature                       | Value   |
|-------------------------------|---|
| Product weight                | 1000 g  |
| Type of mounting              | Direct mounting via through-hole<br>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<br>PU foam                                  |
| Material of screws            | High-alloy stainless steel                                |
| Material of jet nozzle        | PA-reinforced   |