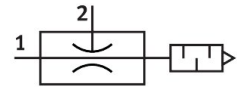
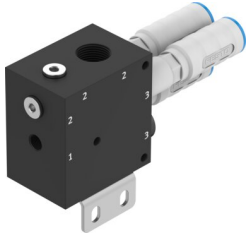


# Vacuum generator OVPN-23-L2-PG14-G34-UA

Part number: 8199146

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                            | Value                                                              |
|----------------------------------------------------|--------------------------------------------------------------------|
| Nominal size, Laval nozzle                         | 2.3 mm                                                             |
| Grid dimension                                     | 60 mm                                                              |
| Silencer design                                    | Open                                                               |
| Mounting position                                  | Any                                                                |
| Ejector characteristic                             | High suction rate                                                  |
| Integrated function                                | Open silencer                                                      |
| Design                                             | Vacuum generator 2-stage                                           |
| Symbol                                             | 00991489                                                           |
| Operating pressure for max. suction flow rate      | 0.4 MPa                                                            |
| Operating pressure for max. suction flow rate      | 4 bar                                                              |
| Operating pressure for max. suction flow rate      | 58 psi                                                             |
| Operating pressure                                 | 0.1 MPa ... 0.8 MPa                                                |
| Operating pressure                                 | 1 bar ... 8 bar                                                    |
| Operating pressure                                 | 14.5 psi ... 116 psi                                               |
| Operating pressure for max. vacuum                 | 0.79 MPa                                                           |
| Operating pressure for max. vacuum                 | 7.9 bar                                                            |
| Operating pressure for max. vacuum                 | 114.55 psi                                                         |
| Max. vacuum                                        | 81 %                                                               |
| Nominal operating pressure                         | 0.6 MPa                                                            |
| Nominal operating pressure                         | 6 bar                                                              |
| Nominal operating pressure                         | 87 psi                                                             |
| Max. suction flow rate against atmosphere          | 475 l/min                                                          |
| Air supply time at nominal operating pressure      | 0.13 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 | Suitable for battery production with reduced Cu/Zn/Ni values (F1a) |
| Media temperature                                  | 0 °C ... 60 °C                                                     |
| Recommended cleaning/purification                  | Soapsuds (except silencers)                                        |
| Sound pressure level at nominal operating pressure | 68 dB(A)                                                           |
| Ambient temperature                                | 0 °C ... 60 °C                                                     |
| Product weight                                     | 880 g                                                              |
| Type of mounting                                   | With mounting bracket                                              |
| Pneumatic connection, port 1                       | G1/4                                                               |
| Pneumatic connection, port 3                       | Open silencer                                                      |

| Feature                     | Value                              |
|-----------------------------|------------------------------------|
| Vacuum connection           | G3/4                               |
| Material connecting thread  | POM                                |
| Material seals              | NBR                                |
| Material receiver nozzle    | Reinforced PA                      |
| Material housing            | POM                                |
| Material silencer           | Reinforced PA<br>Polyurethane foam |
| Material screws             | High-alloy stainless steel         |
| Material transmitter nozzle | Reinforced PA                      |