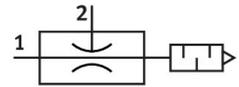


# Vacuum generator cartridge OASP-G4-14-L3-UA

Part number: 8199155

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Nominal size, Laval nozzle                         | 1.4 mm   |
| Silencer design                                    | Open   |
| Ejector characteristic                             | High suction rate  |
| Integrated function                                | Open silencer  |
| Design   | Vacuum generator, 3-stage  |
| Operating pressure for max. suction flow 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 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 °C...60 °C   |
| Recommended cleaning/purification                  | Soap suds (except silencers)   |
| Sound pressure level at nominal operating pressure | 60 dB(A)   |
| Ambient temperature                                | 0 °C...60 °C   |
| Product weight                                     | 123 g  |
| Type of mounting                                   | Direct mounting via thread   |

| <b>Feature</b>              | <b>Value</b>             |
|-----------------------------|--------------------------|
| Material seals              | NBR                      |
| Material receiver nozzle    | Reinforced PA            |
| Material silencer           | PA-reinforced<br>PU foam |
| Material transmitter nozzle | Reinforced PA            |
| Mounting position           | optional                 |