

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

Part number: 8199155

FESTO



## Data sheet

| Feature  | Value   |
|--|---|
| Nominal width of Laval nozzle                      | 1.4 mm  |
| Muffler construction type                          | Open  |
| 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       | 245 l/min   |
| Air supply time at nominal operating pressure      | 0.37 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          | 60 dB(A)  |
| Ambient temperature                                | 0 °C...60 °C  |
| Product weight                                     | 123 g   |
| Type of mounting                                   | Direct fastening via thread   |
| Seals material                                     | NBR   |

| <b>Feature</b>         | <b>Value</b>             |
|------------------------|--------------------------|
| Female nozzle material | PA-reinforced            |
| Muffler material       | PA-reinforced<br>PU foam |
| Material of jet nozzle | PA-reinforced            |
| Mounting position      | Any                      |