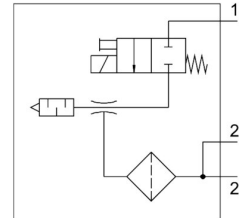


# Vacuum generator VADM-95

Part number: 162502

**FESTO**



[PDF](#) General operating condition

## Data sheet

| Feature                                       | Value                                         |
|-----------------------------------------------|-----------------------------------------------|
| Nominal width of Laval nozzle                 | 0.95 mm                                       |
| Width dimension                               | 18 mm                                         |
| Muffler construction type                     | Closed                                        |
| Mounting position                             | Any                                           |
| Ejector characteristics                       | High vacuum                                   |
| Grade of filtration                           | ≤40 µm                                        |
| Manual override                               | Non-detenting                                 |
| Integrated function                           | On/off valve, electric<br>Filter              |
| Symbol                                        | 00991303                                      |
| Valve function                                | Closed                                        |
| Operating pressure                            | 0.2 MPa ... 0.8 MPa                           |
| Operating pressure                            | 2 bar ... 8 bar                               |
| Operating pressure                            | 29 psi ... 116 psi                            |
| Max. vacuum                                   | 85 %                                          |
| Nominal operating pressure                    | 0.6 MPa                                       |
| Nominal operating pressure                    | 6 bar                                         |
| Nominal operating pressure                    | 87 psi                                        |
| Air supply time at nominal operating pressure | 1.18 s                                        |
| DC operating voltage range                    | 21.6 V ... 26.4 V                             |
| Duty cycle                                    | 100%                                          |
| Certification                                 | c UL us - Recognized (OL)                     |
| 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                             |
| Temperature of medium                         | 0 °C ... 60 °C                                |
| Degree of protection                          | IP65                                          |
| Ambient temperature                           | 0 °C ... 60 °C                                |
| Product weight                                | 210 g                                         |
| Electrical connection                         | Plug                                          |
| Type of mounting                              | With through-hole<br>With internal thread     |
| Pneumatic connection 1                        | G1/8                                          |

| Feature                        | Value                        |
|--------------------------------|------------------------------|
| Pneumatic connection 3         | Pneumatic muffler integrated |
| Vacuum connection              | G1/8                         |
| Note on materials              | RoHS-compliant               |
| Seals material                 | NBR                          |
| Female nozzle material         | Brass, nickel-plated         |
| Compressed air filter material | PA                           |
| Material of filter housing     | PC                           |
| Housing material               | Wrought aluminum alloy       |
| Muffler material               | PE<br>POM                    |
| Material of piston             | POM                          |
| Material of jet nozzle         | Brass, nickel-plated         |