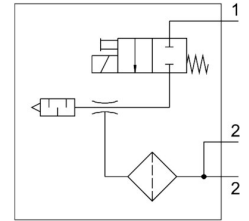


# Vacuum generator VADM-300

Part number: 162505

FESTO



General operating condition

## Data sheet

| Feature                                       | Value                                     |
|---|---|
| Nominal size, Laval nozzle                    | 3 mm                                      |
| Grid dimension                                | 22 mm                                     |
| Silencer design                               | Closed                                    |
| Mounting position                             | optional                                  |
| Ejector characteristic                        | High vacuum                               |
| Grade of filtration                           | ≤40 µm                                    |
| Manual override                               | Non-detenting                             |
| Integrated function                           | Electric on-off valve<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 | 0.26 s                                    |
| Operational voltage range DC                  | 21.6 V ... 26.4 V                         |
| Duty cycle                                    | 100%                                      |
| Approval                                      | c UL us - Recognized (OL)                 |
| 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                         |
| Media temperature                             | 0 °C ... 60 °C                            |
| Degree of protection                          | IP65                                      |
| Ambient temperature                           | 0 °C ... 60 °C                            |
| Product weight                                | 340 g                                     |
| Electrical connection                         | Plugs                                     |
| Type of mounting                              | With through-hole<br>Via female thread    |
| Pneumatic connection, port 1                  | G1/4                                      |

| <b>Feature</b>               | <b>Value</b>            |
|------------------------------|-------------------------|
| Pneumatic connection, port 3 | Integrated silencer     |
| Vacuum connection            | G3/8                    |
| Note on materials            | RoHS-compliant          |
| Material seals               | NBR                     |
| Material receiver nozzle     | Brass, nickel-plated    |
| Material filter              | PA                      |
| Material filter housing      | PC                      |
| Material housing             | Wrought aluminium alloy |
| Material silencer            | PE<br>POM               |
| Material piston              | POM                     |
| Material transmitter nozzle  | Nickel-plated brass     |