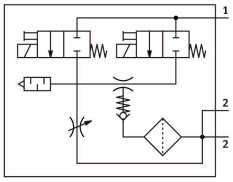
# Vacuum generator
# VADMI-300

Part number: 162511






## Data sheet

| Feature | Value |
|---|---|
| Nominal width of Laval nozzle | 3 mm |
| Width dimension | 22 mm |
| Muffler construction type | Closed |
| Mounting position | Any |
| Ejector characteristics | High vacuum |
| Grade of filtration | 40 µm |
| Manual override | Non-detenting |
| Integrated function | Ejector pulse valve, electric<br>Flow control valve<br>Electric on-off valve<br>Filter<br>Check valve |
| Valve function | Closed |
| Operating pressure | 0.2 MPa...0.8 MPa<br>2 bar...8 bar<br>29 psi...116 psi |
| Max. vacuum | 85 % |
| Nominal operating pressure | 0.6 MPa<br>6 bar<br>87 psi |
| Air supply time at nominal operating pressure with ejector pulse | 0.2 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 | 370 g |
| Electrical connection | Plug |

| Feature | Value |
|---|---|
| Type of mounting | Alternatively:<br>With through-hole<br>With internal thread |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 3 | Integrated muffler |
| Vacuum connection | G3/8 |
| 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 | Protective grounding<br>POM |
| Material of piston | POM |
| Material of jet nozzle | Brass, nickel-plated |