

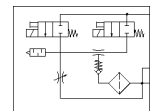
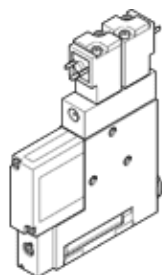
vacuum generator

VADMI-300

Part number: 162511
Classic - do not use for new projects



With integrated solenoid valve for vacuum On/Off and ejector pulse
Modern alternatives can be found by entering the first four characters of the type code in the search field.



Data sheet

| Feature | Value |
|---|--|
| Nominal size, Laval nozzle | 3 mm |
| Grid dimension | 22 mm |
| Design, silencer | closed |
| Assembly position | Any |
| Ejector characteristic | High vacuum |
| Grade of filtration | $\leq 40 \mu\text{m}$ |
| Manual override | Pushing |
| Integrated function | Ejector pulse valve, electrical Flow control valve Electrical on-off valve Filter Non-return valve |
| Valve function | closed |
| Operating pressure | 2 ... 8 bar |
| Max. vacuum | 85 % |
| Nominal operating pressure | 6 bar |
| Air supply time at nominal operating pressure | 0.2 s |
| Operating voltage range DC | 21.6 ... 26.4 V |
| Duty cycle | 100 % |
| Authorisation | c UL us - Recognized (OL) |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation not possible |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Medium temperature | 0 ... 60 °C |
| Protection class | IP65 |
| Ambient temperature | 0 ... 60 °C |
| Product weight | 370 g |
| Electrical connection | Plug |
| Mounting type | with through hole with internal (female) thread Optional |
| Pneumatic connection, port 1 | G1/4 |
| Pneumatic connection, port 3 | Integrated silencer |
| Vacuum connection | G3/8 |
| Materials note | Free of copper and PTFE Conforms to RoHS |
| Material seals | NBR |
| Material receiver nozzle | Nickel-plated brass |
| Material filter | PA |
| Material filter housing | PC |
| Material housing | Wrought Aluminium alloy |
| Material silencer | PE POM |
| Material piston | POM |
| Material transmitter nozzle | Nickel-plated brass |