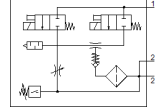
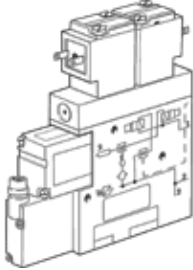


Vacuum generator VADMI-95-LS-N

Part number: 171058
Classic - do not use for new projects

FESTO

With air-saving circuit and plug sockets with cable
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 | 0.95 mm |
| Grid dimension | 18 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 Air saving function, electrical Non-return valve Vacuum switch |
| Measured variable | Relative pressure |
| Measuring principle | Piezoresistive |
| Switching element function | Normally open contact |
| Switching function | Threshold value comparator |
| Valve function | closed |
| Polarity protected | for all electrical connections |
| Type of display | LED |
| Hysteresis setting range | -60 ... -10 kPa |
| Hysteresis adjustment range [bar] | -0.6 ... -0.1 bar |
| Hysteresis setting range | -8.7 ... -1.45 psi |
| Setting options | Potentiometer |
| Operating status display | Optical |
| Threshold value setting range | -90 ... -20 kPa |
| Threshold setting range | -0.9 ... -0.2 bar |
| Threshold value setting range | -13.05 ... -2.9 psi |
| Operating pressure MPa | 0.2 ... 0.8 MPa |
| Working pressure | 2 ... 8 bar |
| Operating pressure | 29 ... 116 psi |
| Max. vacuum | 85 % |
| Nominal operating pressure | 0.6 MPa |
| Nominal working pressure | 6 bar |
| Nominal operating pressure (psi) | 87 psi |
| Overload range | 5 bar |
| Air supply time at nominal operating pressure with ejector pulse | 2.04 s |
| Operating voltage range DC | 21.6 ... 26.4 V |
| Duty cycle | 100 % |
| Switch output | NPN |
| Authorization | RCM Mark |

| Feature | Value |
|--|--|
| | c UL us - Recognized (OL) |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC |
| 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 |
| PWIS conformity | VDMA24364-B1/B2-L |
| Medium temperature | 0 ... 60 °C |
| Protection class | IP65 |
| Ambient temperature | 0 ... 50 °C |
| Product weight | 250 g |
| Pressure measurement range | 0 ... 0.1 MPa |
| Pressure measuring range | 0 ... 1 bar |
| Pressure measurement range | 0 ... 14.5 psi |
| Electrical connection | 4-pin M8x1 Plug |
| Mounting type | with through hole with internal (female) thread Optional |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 3 | Integrated silencer |
| Vacuum connection | G1/8 |
| Materials note | Conforms to RoHS |
| Material seals | NBR |
| Material receiver nozzle | Nickel-plated brass |
| Material filter | PA |
| Material filter housing | PC |
| Material housing | Wrought Aluminum alloy |
| Material silencer | PE POM |
| Material piston | POM |
| Material transmitter nozzle | Nickel-plated brass |