

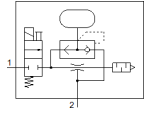
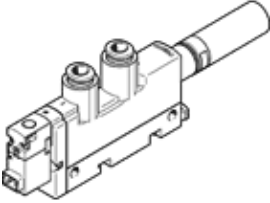
# Vacuum generator

## VN-05-H-T3-PQ2-VQ2-RO1-B

Part number: 532622

FESTO

With ejector pulse and built-in solenoid valve. Standard, high vacuum, width 14 mm, T shape with plug connector and open silencer.



## Data sheet

| Feature                                      | Value  |
|--|--|
| Nominal size, Laval nozzle                   | 0.45 mm  |
| Grid dimension                               | 14 mm  |
| Design, silencer                             | open   |
| Assembly position                            | Any  |
| Ejector characteristic                       | Standard<br>High vacuum  |
| Manual override                              | Pushing  |
| Integrated function                          | Ejector pulse valve, pneumatic<br>Electrical on-off valve<br>Open silencer |
| Design structure                             | T-shaped   |
| Valve function                               | 2/2  |
| Working pressure for max. suction rate       | 3 bar  |
| Working pressure                             | 2 ... 8 bar  |
| Working pressure for max. vacuum             | 4.9 bar  |
| Max. vacuum                                  | 92 %   |
| Nominal working pressure                     | 6 bar  |
| Max. suction rate with respect to atmosphere | 7.2 l/min  |
| Air supply time at nominal working pressure  | 3.9 s  |
| Operating voltage range DC                   | 21.6 ... 26.4 V  |
| Electrical power consumption                 | 1.2 W  |
| Duty cycle                                   | 100 %  |
| 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      | 1 - Low corrosion stress   |
| PWIS conformity                              | VDMA24364-B1/B2-L  |
| Medium temperature                           | 0 ... 50 °C  |
| Noise level at nominal operating pressure    | 56 dB(A)   |
| Protection class                             | IP40   |
| Ambient temperature                          | 0 ... 50 °C  |
| Product weight                               | 62 g   |
| Electrical connection                        | Plug   |
| Mounting type                                | with through hole<br>with top-hat rail<br>with accessories                 |
| Pneumatic connection, port 1                 | QS-6   |
| Pneumatic connection, port 3                 | Open silencer  |
| Vacuum connection                            | QS-6   |
| Material of connecting thread                | Wrought aluminum alloy, anodized   |
| Materials note                               | Conforms to RoHS   |
| Material seals                               | NBR  |
| Material receiver nozzle                     | POM  |
| Material housing                             | PA-reinforced  |

| Feature                     | Value                  |
|-----------------------------|------------------------|
|                             | POM-reinforced         |
| Material silencer           | PE                     |
| Material screws             | Steel                  |
| Material transmitter nozzle | Wrought Aluminum alloy |
| Material fitting            | Brass<br>Nickel plated |