

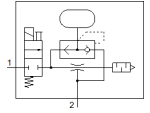
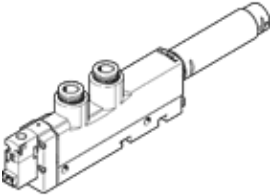
# vacuum generator

## VN-14-H-T4-PQ3-VQ3-RO2-B

Part number: 532648

FESTO

With ejector pulse and built-in solenoid valve. Standard, high vacuum, width 18 mm, T shape with plug connector and open silencer.



## Data sheet

| Feature                                       | Value  |
|---|--|
| Nominal size, Laval nozzle                    | 1.4 mm   |
| Grid dimension                                | 18 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  |
| Operating pressure for max. suction rate      | 4 bar  |
| Operating pressure                            | 2 ... 8 bar  |
| Operating pressure for max. vacuum            | 3.5 bar  |
| Max. vacuum                                   | 92 %   |
| Nominal operating pressure                    | 6 bar  |
| Max. suction rate with respect to atmosphere  | 48.8 l/min   |
| Air supply time at nominal operating pressure | 0.5 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 zone III   |
| Medium temperature                            | 0 ... 50 °C  |
| Noise level at nominal operating pressure     | 69 dB(A)   |
| Protection class                              | IP40   |
| Ambient temperature                           | 0 ... 50 °C  |
| Product weight                                | 100 g  |
| Electrical connection                         | Plug   |
| Mounting type                                 | with through hole<br>with top-hat rail<br>with accessories                 |
| Pneumatic connection, port 1                  | QS-8   |
| Pneumatic connection, port 3                  | Open silencer  |
| Vacuum connection                             | QS-8   |
| Material of connecting thread                 | Wrought aluminium alloy, anodised  |
| Materials note                                | Conforms to RoHS   |
| Material seals                                | NBR  |
| Material receiver nozzle                      | POM  |
| Material housing                              | PA-reinforced  |

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