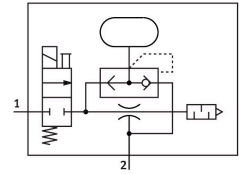
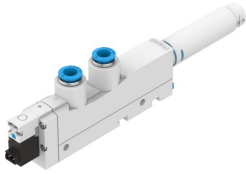


# Vacuum generator

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

Part number: 532649

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Nominal size, Laval nozzle                         | 1.4 mm   |
| Grid dimension                                     | 18 mm  |
| Silencer design                                    | Open   |
| Mounting position                                  | optional   |
| Ejector characteristic                             | Standard<br>High suction volume  |
| Manual override                                    | Non-detenting  |
| Integrated function                                | Ejector pulse valve, pneumatic<br>Electric on-off valve<br>Open silencer |
| Design   | T-shape  |
| Valve function                                     | 2/2  |
| Operating pressure for max. suction flow rate      | 5 bar  |
| Operating pressure                                 | 2 bar...8 bar  |
| Nominal operating pressure                         | 6 bar  |
| Max. suction flow rate against atmosphere          | 92.6 l/min   |
| Air supply time at nominal operating pressure      | 0.32 s   |
| Operational voltage range DC                       | 21.6 V...26.4 V  |
| Electrical power consumption                       | 1.2 W  |
| Duty cycle   | 100%   |
| Operating medium                                   | Compressed air to ISO 8573-1:2010 [7:4:4]                                |
| Note on operating and pilot medium                 | Lubricated operation not possible  |
| Corrosion resistance class CRC                     | 1 - Low corrosion stress   |
| LABS (PWIS) conformity                             | VDMA24364 zone III   |
| Media temperature                                  | 0 °C...50 °C   |
| Sound pressure level at nominal operating pressure | 69 dB(A)   |
| Degree of protection                               | IP40   |
| Ambient temperature                                | 0 °C...50 °C   |
| Product weight                                     | 100 g  |
| Electrical connection                              | Plugs  |
| Type of mounting                                   | With through-hole<br>With H-rail<br>With accessories                     |

| Feature                      | Value                                     |
|------------------------------|---|
| Pneumatic connection, port 1 | QS-8                                      |
| Pneumatic connection, port 3 | Open silencer                             |
| Vacuum connection            | QS-8                                      |
| Material connecting thread   | Anodised wrought aluminium alloy          |
| Note on materials            | RoHS-compliant                            |
| Material seals               | NBR                                       |
| Material receiver nozzle     | POM                                       |
| Material housing             | PA-reinforced<br>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                    |