

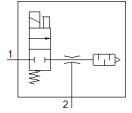
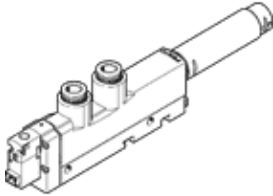
# Vacuum generator

## VN-14-L-T4-PQ3-VQ3-R02-M

Part number: 532645

FESTO

With built-in solenoid valve. Standard, high suction rate, 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 suction volume                            |
| Manual override                              | Pushing  |
| Integrated function                          | Electrical on-off valve<br>Open silencer                   |
| Design structure                             | T-shaped   |
| Valve function                               | 2/2  |
| Working pressure for max. suction rate       | 5 bar  |
| Working pressure                             | 2 ... 8 bar  |
| Nominal working pressure                     | 6 bar  |
| Max. suction rate with respect to atmosphere | 92.6 l/min   |
| Air supply time at nominal working pressure  | 0.32 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                               | 98 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 aluminum alloy, anodized                           |
| Materials note                               | Conforms to RoHS   |
| Material seals                               | NBR  |
| Material receiver nozzle                     | POM  |
| Material housing                             | PA-reinforced<br>POM-reinforced                            |
| Material silencer                            | Wrought Aluminum alloy<br>POM                              |

| <b>Feature</b>              | <b>Value</b>           |
|-----------------------------|------------------------|
|                             | PU foam                |
| Material screws             | Steel                  |
| Material transmitter nozzle | Wrought Aluminum alloy |
| Material fitting            | Brass<br>Nickel plated |