

# Vacuum generator VN-14-L-T4-PQ2-VQ3-RO2

Part number: 547710

**FESTO**



## Data sheet

| Feature                                       | Value                                         |
|-----------------------------------------------|-----------------------------------------------|
| Nominal width of Laval nozzle                 | 1.4 mm                                        |
| Width dimension                               | 18 mm                                         |
| Muffler construction type                     | Open                                          |
| Mounting position                             | Any                                           |
| Ejector characteristics                       | High suction flow<br>Standard                 |
| Integrated function                           | Muffler open                                  |
| Structural design                             | T-shape                                       |
| Operating pressure for max. suction rate      | 8 bar                                         |
| Operating pressure                            | 1 bar...8 bar                                 |
| Nominal operating pressure                    | 6 bar                                         |
| Max. suction rate with respect to atmosphere  | 90 l/min                                      |
| Air supply time at nominal operating pressure | 0.25 s                                        |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media      | Operation with oil lubrication not possible   |
| Corrosion resistance class (CRC)              | 1 - Low corrosion stress                      |
| LABS (PWIS) conformity                        | VDMA24364 Zone III                            |
| Temperature of medium                         | 0 °C...60 °C                                  |
| Noise level at nominal operating pressure     | 77 dB(A)                                      |
| Ambient temperature                           | 0 °C...60 °C                                  |
| Max. tightening torque                        | 0.5 Nm                                        |
| Product weight                                | 36 g                                          |
| Type of mounting                              | With through-hole<br>With accessories         |
| Pneumatic connection 1                        | QS-6                                          |
| Pneumatic connection 3                        | Muffler open                                  |
| Vacuum connection                             | QS-8                                          |
| Note on materials                             | RoHS compliant                                |
| Seals material                                | NBR                                           |
| Female nozzle material                        | POM                                           |
| Housing material                              | Reinforced POM                                |
| Muffler material                              | Die-cast aluminum                             |

| Feature                       | Value                  |
|-------------------------------|------------------------|
|                               | POM<br>PU foam         |
| Material of jet nozzle        | Wrought aluminum alloy |
| Material of pneumatic fitting | Brass<br>Nickel-plated |