

# Vacuum generator VN-07-L-T3-PQ2-VA4-R01

Part number: 193610

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                       | Value                                          |
|-----------------------------------------------|------------------------------------------------|
| Nominal width of Laval nozzle                 | 0.7 mm                                         |
| Width dimension                               | 14 mm                                          |
| Muffler construction type                     | Open                                           |
| Mounting position                             | Any                                            |
| Ejector characteristics                       | High suction rate<br>Standard                  |
| Integrated function                           | Pneumatic muffler open                         |
| Structural design                             | T-shape                                        |
| Symbol                                        | 00991489                                       |
| Operating pressure for max. suction rate      | 6.2 bar                                        |
| Operating pressure                            | 1 bar ... 8 bar                                |
| Nominal operating pressure                    | 6 bar                                          |
| Max. suction rate with respect to atmosphere  | 38.8 l/min                                     |
| Air supply time at nominal operating pressure | 0.5 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-B1/B2-L                              |
| Temperature of medium                         | 0 °C ... 60 °C                                 |
| Noise level at nominal operating pressure     | 66 dB(A)                                       |
| Ambient temperature                           | 0 °C ... 60 °C                                 |
| Max. tightening torque                        | 0.5 Nm                                         |
| Product weight                                | 26 g                                           |
| Type of mounting                              | With through-hole<br>With accessories          |
| Pneumatic connection 1                        | QS-6                                           |
| Pneumatic connection 3                        | Pneumatic muffler open                         |
| Vacuum connection                             | G1/8                                           |
| Material of connecting thread                 | Wrought aluminum alloy<br>Brass, nickel-plated |
| Note on materials                             | RoHS-compliant                                 |
| Seals material                                | NBR                                            |
| Female nozzle material                        | POM                                            |
| Housing material                              | POM-reinforced                                 |
| Muffler material                              | PE                                             |
| Material of jet nozzle                        | Wrought aluminum alloy                         |

| Feature                       | Value                  |
|-------------------------------|------------------------|
| Material of pneumatic fitting | Brass<br>Nickel-plated |