

# Vacuum generator VN-05-H-T3-PI4-VI4-RO1

Part number: 193507

**FESTO**



[General operating condition](#)

## Data sheet

| Feature                                       | Value                                                    |
|-----------------------------------------------|----------------------------------------------------------|
| Nominal width of Laval nozzle                 | 0.45 mm                                                  |
| Width dimension                               | 14 mm                                                    |
| Muffler construction type                     | Open                                                     |
| Mounting position                             | Any                                                      |
| Ejector characteristics                       | High vacuum<br>Standard                                  |
| Integrated function                           | Pneumatic muffler open                                   |
| Structural design                             | T-shape                                                  |
| Symbol                                        | 00991489                                                 |
| Operating pressure for max. suction rate      | 2.1 bar                                                  |
| Operating pressure                            | 1 bar ... 8 bar                                          |
| Operating pressure for max. vacuum            | 4.5 bar                                                  |
| Max. vacuum                                   | 88 %                                                     |
| Nominal operating pressure                    | 6 bar                                                    |
| Max. suction rate with respect to atmosphere  | 6.2 l/min                                                |
| Air supply time at nominal operating pressure | 4.8 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     | 53 dB(A)                                                 |
| Ambient temperature                           | 0 °C ... 60 °C                                           |
| Max. tightening torque                        | 0.5 Nm                                                   |
| Product weight                                | 24 g                                                     |
| Type of mounting                              | With through-hole<br>With accessories                    |
| Pneumatic connection 1                        | G1/8                                                     |
| Pneumatic connection 3                        | Pneumatic muffler open                                   |
| Vacuum connection                             | G1/8                                                     |
| Material of connecting thread                 | Wrought aluminum alloy, anodized<br>Brass, nickel-plated |
| Note on materials                             | RoHS-compliant                                           |
| Seals material                                | NBR                                                      |
| Female nozzle material                        | POM                                                      |
| Housing material                              | POM-reinforced                                           |

| Feature                | Value                  |
|------------------------|------------------------|
| Muffler material       | PE                     |
| Material of jet nozzle | Wrought aluminum alloy |