

# Vacuum generator VN-14-H-T4-PQ2-VA5-RQ3

Part number: 193520

FESTO



General operating condition

## Data sheet

| Feature                                       | Value                                     |
|-----------------------------------------------|-------------------------------------------|
| Nominal size, Laval nozzle                    | 1.4 mm                                    |
| Grid dimension                                | 18 mm                                     |
| Mounting position                             | optional                                  |
| Ejector characteristic                        | High vacuum<br>Standard                   |
| Design                                        | T-shape                                   |
| Symbol                                        | 00991490                                  |
| Operating pressure for max. suction flow rate | 5.1 bar                                   |
| Operating pressure                            | 1 bar ... 8 bar                           |
| Operating pressure for max. vacuum            | 5 bar                                     |
| Max. vacuum                                   | 88 %                                      |
| Nominal operating pressure                    | 6 bar                                     |
| Max. suction flow rate against atmosphere     | 51.6 l/min                                |
| Air supply time at nominal operating pressure | 0.5 s                                     |
| 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-B1/B2-L                         |
| Media temperature                             | 0 °C ... 60 °C                            |
| Ambient temperature                           | 0 °C ... 60 °C                            |
| Max. tightening torque                        | 0.5 Nm                                    |
| Product weight                                | 33 g                                      |
| Type of mounting                              | With through-hole<br>With accessories     |
| Pneumatic connection, port 1                  | QS-6                                      |
| Pneumatic connection, port 3                  | QS-8                                      |
| Vacuum connection                             | G1/4                                      |
| Material connecting thread                    | Wrought aluminium alloy                   |
| Note on materials                             | RoHS-compliant                            |
| Material seals                                | NBR                                       |
| Material receiver nozzle                      | POM                                       |
| Material housing                              | POM-reinforced                            |
| Material transmitter nozzle                   | Wrought aluminium alloy                   |
| Material fitting                              | Brass<br>Nickel-plated                    |