

# Vacuum generator VN-10-L-T3-PI4-VI4-RO1-A

Part number: 532643

FESTO



 General operating condition

## Data sheet

| Feature  | Value  |
|--|--|
| Nominal size, Laval nozzle                         | 0.95 mm  |
| Grid dimension                                     | 14 mm  |
| Silencer design                                    | Open   |
| Mounting position                                  | optional   |
| Ejector characteristic                             | Standard<br>High suction volume                      |
| Integrated function                                | Ejector pulse valve, pneumatic<br>Open silencer      |
| Design   | T-shape  |
| Symbol   | 00992043   |
| Operating pressure for max. suction flow rate      | 5 bar  |
| Operating pressure                                 | 1 bar ... 8 bar                                      |
| Nominal operating pressure                         | 6 bar  |
| Max. suction flow rate against atmosphere          | 40.5 l/min   |
| Air supply time at nominal operating pressure      | 0.62 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                     | 2 - Moderate corrosion stress                        |
| LABS (PWIS) conformity                             | VDMA24364-B1/B2-L                                    |
| Media temperature                                  | 0 °C ... 60 °C                                       |
| Recommended cleaning/purification                  | Soapy water  |
| Sound pressure level at nominal operating pressure | 72 dB(A)   |
| Ambient temperature                                | 0 °C ... 60 °C                                       |
| Max. tightening torque                             | 0,5 Nm   |
| Product weight                                     | 50 g   |
| Type of mounting                                   | With through-hole<br>With H-rail<br>With accessories |
| Pneumatic connection, port 1                       | G1/8   |
| Pneumatic connection, port 3                       | Open silencer  |
| Vacuum connection                                  | G1/8   |
| Material connecting thread                         | Anodised wrought aluminium alloy                     |
| Note on materials                                  | RoHS-compliant                                       |
| Material seals                                     | NBR  |
| Material receiver nozzle                           | POM  |

| <b>Feature</b>              | <b>Value</b>            |
|-----------------------------|-------------------------|
| Material housing            | POM-reinforced          |
| Material silencer           | PE                      |
| Material screws             | Steel                   |
| Material transmitter nozzle | Wrought aluminium alloy |