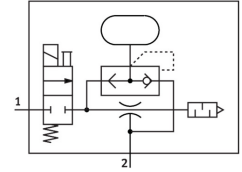
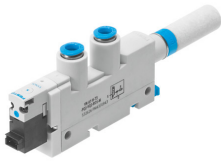


# Vacuum generator VN-10-H-T3-PQ2-VQ2-RO1-B

Part number: 532640

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 negative pressure                                       |
| Manual override                                    | Non-detenting  |
| Integrated function                                | Ejector pulse valve, pneumatic<br>Electric on-off valve<br>Open silencer |
| Design   | T-shape  |
| Symbol   | 00991944   |
| Valve function                                     | 2/2  |
| Operating pressure for max. suction flow rate      | 3 bar  |
| Operating pressure                                 | 2 bar ... 8 bar  |
| Operating pressure for max. vacuum                 | 3.5 bar  |
| Max. vacuum  | 93 %   |
| Nominal operating pressure                         | 6 bar  |
| Max. suction flow rate against atmosphere          | 21.8 l/min   |
| Air supply time at nominal operating pressure      | 1.06 s   |
| Operational voltage range DC                       | 21.6 V ... 26.4 V  |
| Electrical power consumption                       | 1.2 W  |
| Duty cycle   | 100%   |
| 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 ... 50 °C   |
| Sound pressure level at nominal operating pressure | 71 dB(A)   |
| Degree of protection                               | IP40   |
| Ambient temperature                                | 0 °C ... 50 °C   |
| Product weight                                     | 63 g   |
| Electrical connection                              | Plugs  |
| Type of mounting                                   | With through-hole<br>With H-rail<br>With accessories                     |

| <b>Feature</b>               | <b>Value</b>                     |
|------------------------------|----------------------------------|
| Pneumatic connection, port 1 | QS-6                             |
| Pneumatic connection, port 3 | Open silencer                    |
| Vacuum connection            | QS-6                             |
| Material connecting thread   | Anodised wrought aluminium alloy |
| Note on materials            | RoHS-compliant                   |
| Material seals               | NBR                              |
| Material receiver nozzle     | POM                              |
| Material housing             | POM-reinforced                   |
| Material silencer            | PE                               |
| Material screws              | Steel                            |
| Material transmitter nozzle  | Wrought aluminium alloy          |
| Material fitting             | Brass<br>Nickel-plated           |