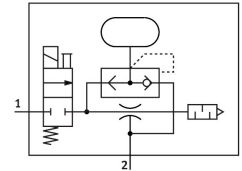


# Vacuum generator VN-07-L-T3-PQ2-VQ2-RO1-B

Part number: 532631

**FESTO**



## 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                       | Standard<br>High suction volume                                         |
| Manual override                               | Non-detenting                                                           |
| Integrated function                           | Ejector pulse valve, pneumatic<br>Electric on-off valve<br>Muffler open |
| Structural design                             | T-shape                                                                 |
| Valve function                                | 2/2                                                                     |
| Operating pressure for max. suction rate      | 4 bar                                                                   |
| Operating pressure                            | 2 bar...8 bar                                                           |
| Nominal operating pressure                    | 6 bar                                                                   |
| Max. suction rate with respect to atmosphere  | 30.9 l/min                                                              |
| Air supply time at nominal operating pressure | 0.83 s                                                                  |
| DC operating voltage range                    | 21.6 V...26.4 V                                                         |
| Electrical power consumption                  | 1.2 W                                                                   |
| Duty cycle                                    | 100%                                                                    |
| 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...50 °C                                                            |
| Noise level at nominal operating pressure     | 64 dB(A)                                                                |
| Degree of protection                          | IP40                                                                    |
| Ambient temperature                           | 0 °C...50 °C                                                            |
| Product weight                                | 63 g                                                                    |
| Electrical connection                         | Plug                                                                    |
| Type of mounting                              | With through-hole<br>With DIN rail<br>With accessories                  |

| Feature                       | Value                            |
|-------------------------------|----------------------------------|
| Pneumatic connection 1        | QS-6                             |
| Pneumatic connection 3        | Muffler open                     |
| Vacuum connection             | QS-6                             |
| Material of connecting thread | Wrought aluminum alloy, anodized |
| Note on materials             | RoHS compliant                   |
| Seals material                | NBR                              |
| Female nozzle material        | POM                              |
| Housing material              | PA-reinforced<br>Reinforced POM  |
| Muffler material              | Protective grounding             |
| Material of screws            | Steel                            |
| Material of jet nozzle        | Wrought aluminum alloy           |
| Material of pneumatic fitting | Brass<br>Nickel-plated           |