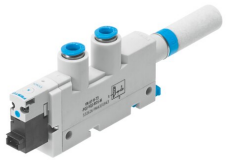
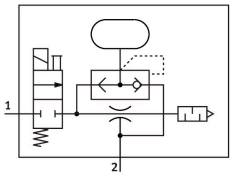
# Vacuum generator
# VN-05-H-T3-PQ2-VQ2-RO1-B

Part number: 532622






## 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 | Standard<br>High negative pressure |
| 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 | 3 bar |
| Operating pressure | 2 bar...8 bar |
| Operating pressure for max. vacuum | 4.9 bar |
| Max. vacuum | 92 % |
| Nominal operating pressure | 6 bar |
| Max. suction rate with respect to atmosphere | 7.2 l/min |
| Air supply time at nominal operating pressure | 3.9 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 | 56 dB(A) |
| Degree of protection | IP40 |
| Ambient temperature | 0 °C...50 °C |
| Product weight | 62 g |
| Electrical connection | Plug |

| Feature | Value |
|---|---|
| Type of mounting | With through-hole<br>With DIN rail<br>With accessories |
| 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 |