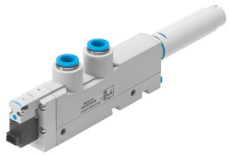
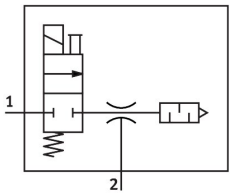
# Vacuum generator
# VN-14-L-T4-PQ3-VQ3-RO2-M

Part number: 532645






## Data sheet

| Feature | Value |
|---|---|
| Nominal size, Laval nozzle | 1.4 mm |
| Grid dimension | 18 mm |
| Silencer design | Open |
| Mounting position | optional |
| Ejector characteristic | Standard<br>High suction volume |
| Manual override | Non-detenting |
| Integrated function | Electric on-off valve<br>Open silencer |
| Design | T-shape |
| Valve function | 2/2 |
| Operating pressure for max. suction flow rate | 5 bar |
| Operating pressure | 2 bar...8 bar |
| Nominal operating pressure | 6 bar |
| Max. suction flow rate against atmosphere | 92.6 l/min |
| Air supply time at nominal operating pressure | 0.32 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 zone III |
| Media temperature | 0 °C...50 °C |
| Sound pressure level at nominal operating pressure | 69 dB(A) |
| Degree of protection | IP40 |
| Ambient temperature | 0 °C...50 °C |
| Product weight | 98 g |
| Electrical connection | Plugs |
| Type of mounting | With through-hole<br>With H-rail<br>With accessories |

| Feature | Value |
|---|---|
| Pneumatic connection, port 1 | QS-8 |
| Pneumatic connection, port 3 | Open silencer |
| Vacuum connection | QS-8 |
| Material connecting thread | Anodised wrought aluminium alloy |
| Note on materials | RoHS-compliant |
| Material seals | NBR |
| Material receiver nozzle | POM |
| Material housing | PA-reinforced<br>POM-reinforced |
| Material silencer | Wrought aluminium alloy<br>POM<br>PU foam |
| Material screws | Steel |
| Material transmitter nozzle | Wrought aluminium alloy |
| Material fitting | Brass<br>Nickel-plated |