

Hei-VAC Control Technical datasheet



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| Dimensions (W × H × D) | 123 × 124 × 83 mm (5 × 5 × 3.5 in.) with foot: 144 × 124 × 115 mm (6 × 5 × 4.5 in.) |
| Weight | 440 g (0.97 lb) with foot: 570 g (1.3 lb) |
| Display | LC display with brightness control |
| Protection class (EN 60529) | IP42 |
| Rated voltage | 24 VDC (±10 %) |
| Connection | Hose nozzle for tube, inner diameter Ø = 4 – 5 mm |
| Operating temperature | 10 °C – 40 °C (50 °F – 104 °F) |
| Installation altitude | 3000 m above sea level |
| Control | Range: 1060 – 0.1 mbar (795 – 0.1 Torr.) |
| Storage temperature range | -10 °C – 60 °C (14 °F – 140 °F) |
| Interfaces | RS232, SUB-D, 9-pin |
| Pressure sensor | Integrated (ceramic diaphragm/aluminium oxide, capacitive, independent from gas type, absolute pressure) |
| Power | max. 3.4 W |
| Admissible electricity of the connected valves | 4 A |
| Rel. Humidity | 30 – 85 %, without condensation |
| Measuring range, absolute | 1080 – 0.1 mbar (810 – 0.1 Torr.) |
| Resolution | 0.1 mbar (0.1 Torr.) |
| Max. admissible pressure, absolute | 1.5 bar (1125 Torr.) Venting: 1.2 bar (900 Torr.) |

Max. admissible media temperature (gas)

Temporarily: 80 °C (176 °F) | Continuous operation: 40 °C (104 °F)

Measurement uncertainty

<±1 mbar (<±0.75 Torr.)

Temperature coefficient

<±0.07 mbar / K (<±0.05 Torr./ K)