

## Hei-VAC Control

### Technical datasheet



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

|                                                |                                                                    |
|------------------------------------------------|--------------------------------------------------------------------|
| <b>Max. admissible media temperature (gas)</b> | Temporarily: 80 °C (176 °F)   Continuous operation: 40 °C (104 °F) |
| <b>Measurement uncertainty</b>                 | <±1 mbar (<±0.75 Torr.)                                            |
| <b>Temperature coefficient</b>                 | <±0.07 mbar / K(<±0.05 Torr./ K)                                   |