

3.4 Technical data

3.4.1 Interface I-100

Dimensions (W x H x D)	160 x 105 x 120 mm
Weight	700 g
Voltage	30 V DC
Power consumption	10 W
Solenoid valve power supply	24 V
Measurement range	1400 – 0 mbar
Regulating range	1100 – 0 mbar
Measurement accuracy	± 2 mbar (after calibration at constant temperature)
Temperature compensation	0.07 mbar/K
Hysteresis	Automatic or 1 – 500 mbar
Vacuum connection	GL14
Enclosure rating	IP21
Approval	CE

3.4.2 Power adapter

Input voltage	100 – 240 V
Output voltage	30 VDC
Power consumption	30 W
Frequency	50/60 Hz
Enclosure rating	IP20
Approval	CE/UL/CSA

3.4.3 Ambient conditions

Max. altitude above sea level	2000 m
Ambient temperature	5 – 35 °C
Maximum relative humidity	80 % for temperatures up to 31 °C decreasing linearly to 50 % at 40 °C

The Interface I-100 may only be used in indoor areas.

3.4.4 Materials

Component	Material
Pressure foil	Polyester
Casing	PBT
Vent tube connection	PPS
Pressure sensor	Al ₂ O ₃ 96%