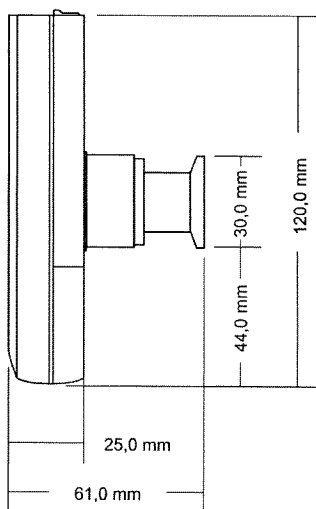
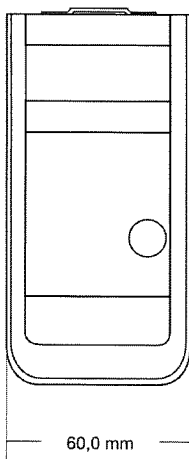


7 Technical Data



Measurement Principle	piezoresistive + heat conduction Pirani (gas type dependent)
Materials with vacuum contact	stainl. steel 1.4307, gold, nickel, tungsten, glass, Viton®
Measuring Range	1200 - $5,0 \times 10^{-4}$ mbar ($900 - 5,0 \times 10^{-4}$ Torr) admissible overload 2 bar abs.
Resolution	1200 - 1000 mbar: 1 mbar 1000 - 1 mbar: 0,1 mbar < 1 mbar: 2 digits mantissa, 1 decimal place
Accuracy	1200 - 10 mbar: 0,3% f.s. (f. scale end) 10 - $2,0 \times 10^{-3}$ mbar: 10% f.r. (f. reading) < $2,0 \times 10^{-3}$ mbar: < factor 2 (f. reading)
Measuring Rate	1,0 s
Logging Rate	1 ... 6000 s
Operating Temperature	+5...+50 °C
Storage Temperature	-20...+60 °C
Power Supply	9V battery or 12...15 VDC external
Electrical Connection	mini-jack 2,5mm for plug-in power supply
Power Consumption	approx. 110mW (clocked)
Operation Time	Li-battery: <100h, 6LR61 Alkaline: <40h
Serial Interface	Mini-USB, Type B, 5pin, female, Virtual Com Port protocol
Vacuum Connection	Small flange DN16 ISO KF
Display	LCD 12mm
Protection Class	IP 40
Weight	230g (incl. battery)