

**baro link**

## TECHNICAL SPECIFICATION

Sensor	Barometer and Thermometer
Measure range	300 ÷ 1200 mbar
Pressure Absolute Accuracy	± 1.5 mbar (between 700 and 1100 mbar and 0 °C ÷ 50 °C) ± 3.0 mbar (between 700 and 1100 mbar and -20 °C ÷ 70 °C)
Pressure Relative Accuracy	± 0.5 mbar (between 700 and 1100 mbar at 25 °C) ± 1.5 mbar (between 700 and 1100 mbar, from 0 °C to 50 °C)
Power supply	1.8 ÷ 3.6 V
Max. Error	± 2.5 mbar with a power supply from 1.8 V to 3.6 V
Pressure Resolution	0.01 mbar
Long term drift	±1.5 mbar after a period of 1 year
Operating temperature	-40 °C ÷ +85 °C
Temperature Absolute Accuracy	Typ. ± 0.3 °C, Max. ± 0.5 °C at 25 °C Typ. ± 0.6°C, Max. ± 1°C from -10°C to +70°C Max. ± 1.5°C from -40°C to +85°C
Temperature Resolution	0.01°C
Dimensions: Length Width Height	6.8 mm 6.2 mm 3.0 mm
Wi-Fi Key Features	802.11 b/g/n 802.11 n (2.4 GHz), up to 150 Mbps WMM TX/RX A-MPDU, RX A-MSDU Immediate block ACK Defragmentation Automatic beacon monitoring (hardware TSF)
Wi-Fi Radio Characteristics	Input frequency: 2400 MHz Output power of PA for 72.2 Mbps: 14 dBm Output power of PA for 11b mode: 20 dBm

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MUMS instrument is  
covered by a patent