



M E A S U R E M E N T & S E N S O R S

Ultrasonic Technology for
Liquid and Gas Metering

**Flow Management
Solution for Residential
Gas Metering**

Next Generation Flow Sensors

Sensor design competence meets solution expertise

CeramTec extends its next generation flow sensors range with a new ultrasonic flow management solution for residential gas metering. Designed using our world class piezoelectric materials and ultrasonic sensors, the gas module is developed to meet customer demands for rapid integration into domestic gas meters.

Ultrasonic Flow Measurement Solution for Gas Metering

Gas Flow Module Technical Specification

Parameters	Target Value
Flow Rate (G4 / G6)	0.04 m³/h to 12.1 m³/h
Low-flow cut-off	5 L/h
High flow registration	Up to 20 m³/h
Power Consumption	<17 uA (Voltage = 3.6V @25oC)
Overall Dimensions	Length = 100mm Height = 75 mm
Certification Standards	Europe MID: EN 14236 Class 1.5 G4 / G6. USA: AGA B109.6:2024.
Measuring Gas	Methane / Hydrogen Blend (up to 23%)
Temperature Range	-35°C to 55°C
Optional Functionality	Temperature compensation. Pressure compensation / detection.
Communication output	UART BAUD rate 9600b – 8, n,1, mode ½ Duplex

