



MEASUREMENT & SENSORS

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
Accuracy Class	G4, G6
Flow Range	0.04 m ³ /h to 7.1 m ³ /h
Certification standards	Europe MID: EN 17526, EN 14236 USA: AGA B109.6:2024, B109.1 Complies with ATEX Directive 94/9/EC Zone 0 & IEC60079-0 & 11Cat 1.
Measuring Gas	Methane / Hydrogen blend (up to 23% hydrogen).
Power consumption	Normal mode: <25 uA (voltage = 3.6V @ 25°C) Low-power mode: <17uA (voltage = 3.6V @25°C)
Communication output	UART BAUD rate 9600b-8, n, 1, mode½ Duplex
Operating temperature range	-35°C to 55°C
Dimensions	Overall Length = 99 mm Overall Height = 86 mm

