



0.5 in / 12mm

Measure Flow Velocity in 0.5 inches of Pipe Depth.

### Micro - Velocity Sensor

Accuracy:	+/- 2% Laminar Flow
Input Voltage:	6-16V DC
Warmup Time:	2 seconds minimum
Resolution:	1 mm/s or 1 Hz/sec
Range:	0 to +10m/s (-6m/s optional)
Cable:	7.62m (25ft) Standard up to 300 ft
Response Time:	4 digital samples/second (Dependent on Average Algorithm)
Serial Output:	UART - TTL, RS485, Hz
Baud Rate:	Serial Communications 4800
Redundancy:	Digital cross correlated oscillation allows for multiple sensors to be used simultaneously
Dimensions:	0.5in X 1.7in X 1in

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION, DESIGN OR OTHERWISE. ... It shall be the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

# MICRO-VELOCITY

## Single Wave Micro-Sized Ultrasonic Doppler Velocity

Measure Velocity in 0.5 inches of Flow Depth

Single-Wave Doppler Technology

Averaging Algorithms Applied

Doppler Frequency is Proportional to the Speed of Water

### MICRO-Velocity Sensor

The Blue Siren Single-Wave Micro Velocity sensor uses the Doppler effect to measure the speed of fluid using acoustic technology.

This sensor is ideal for measuring micro flow rates in pipes flowing 0.4 inches or higher.

All electronics are encapsulated and submersible.

Accurate Dual Wave Ultrasonic Level is used to measure flow depth inside the pipe.

Great alternative for capturing low flow rates when most other solutions require at least 1.5 inches for flow depth or higher.



Measure Flow in 1/2 inch of Depth