



FULL PIPE FLOW SENSOR Product Specification Sheet



LCD Display with 2 line 16 characters

4 key tactile feedback membrane keypad

Easy to install

Operates on steel, stainless steel, copper, and plastic

Full Pipe Flow

The Full-Pipe Flow Sensor sends repetitive ultrasonic waves between its upstream and downstream transducers. The difference between the time it takes for the wave to travel back and forth between the two transducers is directly proportional to the velocity of the fluid traveling through.

When placed on the pipe at a 45° angle the Full-Pipe Flow Sensor allows you to accurately measure industrial, sewage, drinking, and other fluids' velocity.

Technical Specifications:

Body Material:	Plastic Polycarbonate
Dimensions:	250mm x 48mm x 90mm (electronics + guide rail)
Timing Resolution:	+/-50ps
Flow Velocity Range:	0.1 to 10 m/s
Accuracy:	+/-3% of flow reading for velocity rate >0.3m/s
Repeatability:	+/-0.15% of measured value
Power Input:	12-24V AC or DC
Power Consumption:	7VA max.
Pulse Output:	Opto-isolated MOSFET volt free contact
Frequency Mode:	200 Hz max. (Range 1-200)
Max. Load Voltage/Current:	48V AC / 500mA
Current Output:	4 - 20mA
Current Resolution:	0.1% of full scale
Operating Temp (Electronics):	0°C to 50°C (32°F to 122°F)

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.

