

## Features:

- Solid Sealed Teflon® housing
- Mounting cap available in a variety of thread configurations
- Ideal for use in chemically aggressive environments

## Applications:

- Level measurement
- Open channel flow
- Obstacle avoidance
- Proximity

## Options:

- Thermistors are available for temperature compensation

## Specifications:

Best Operating Frequency	200kHz +/- 4%
Min Receive Sensitivity <sup>1</sup>	-78 15" dB
Insertion loss at 1m	
Impedance	180Ω +/- 30%
(Min parallel resistance)	
Free (1kHz) Capacitance	300pF +/- 100pF
Min/Max Sensing Range:	(3" – 6')
Beamwidth:	6°
(-3dB full angle)	
Maximum Driving Voltage:	500Vp-p
(2% duty cycle tone burst)	
Operating Temperature:	-80°C – 60°C (-112°F – 140°F)

All specifications typical at 22°C (71.6°F)

<sup>1</sup> By comparing input drive voltage to return echo at 1m. With 30 drive cycles.

<sup>2</sup> Pulse-Echo Mode. Typical ranges are best case scenarios. Actual range may vary, depending on drive circuitry and signal processing.

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