PARSONICS PAR2007T

Features:

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

Applications:

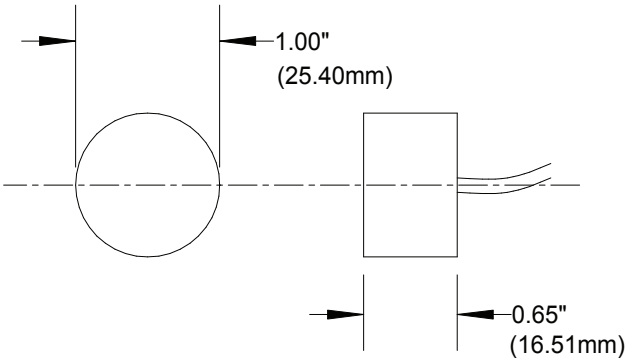
- Level measurement
- Open channel flow
- Obstacle avoidance
- Proximity

Options:

- Thermistors are available for temperature compensation

Cable:

- 14” RG174u Coaxial
- Custom Lengths Available



Drawing

Specifications:

Best Operating Frequency:	200kHz +/- 4%
Min. Receive Sensitivity[1]: Insertion Loss at 1m	-78 15” dB
Impedance (Min. Parallel Resistance)	180Ω +/- 30%
Free (1kHz) Capacitance	300pF +/- 100pF
Typical sensing range[2]:	3in - 4ft
Beamwidth: (-3dB full angle)	6°
Maximum Driving Voltage: (2% duty cycle tone burst)	500Vp-p
Operating Temperature:	-80°C to 60°C

All specifications typical at 22°C

1 By comparing input drive voltage to return echo at 1m. With 30 drive cycles.

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

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