





SPECIFICATIONS

Best Operating Frequency: 200 kHz, ±4%

Beamwidth (@ -3 dB Full Angle): 10°, ±2°

Maximum Driving Voltage (2% Duty Cycle Tone Burst): 500 $\rm V_{pp}$

Operating Temperature: -40°C to 60°C

Weight: 6 g

Housing Material: PVDF

Acoustic Window: PVDF

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

Directivity Pattern



Impedance Magnitude & Phase



Transmit & Receive Voltage Response



Figure of Merit (Sum of TVR & RVR)







200 kHz AIRDUCER® Ultrasonic Transducer

Applications

- Level measurement
- Automation control
- Proximity
- Obstacle avoidance
- Robotics
- Flow

Features

- Rugged one-piece PVDF housing
- Cylindrical design allows for installation in various applications
- Resistant to chemically aggressive environments

Dimensions



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