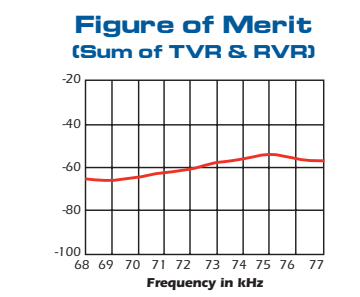
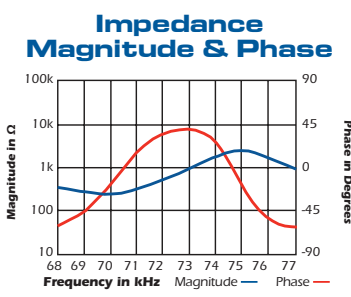
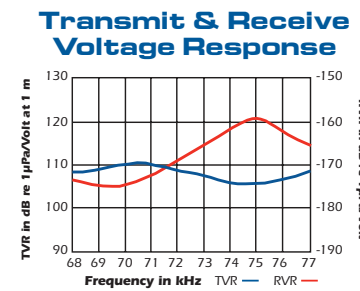
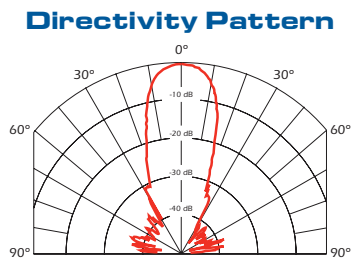




SPECIFICATIONS	
Best Operating Frequency:	75 kHz, ±4%
Minimum Transmit Sensitivity at Best Transmit Frequency:	110 dB, 1μPa/V at 1 m
Minimum Receive Sensitivity at Best Receive Frequency:	-160 dB re 1V/μPa
Minimum Parallel Resistance:	150 Ω, ±30%
Minimum and Maximum Sensing Range*:	20 cm to 10 m
Typical Sensing Range:	25 cm to 7 m
Free (1 kHz) Capacitance:	1,850 pF, ±200 pF
Beamwidth (@ -3 dB Full Angle):	14°, ±2°
Maximum Driving Voltage (2% Duty Cycle Tone Burst):	1,000 V _{pp}
Operating Temperature:	-40°C to 90°C
Weight:	250 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.



75 kHz AIRDUCER® Ultrasonic Transducer

- ### Applications
- Level measurement in caustic environments
- ### Features
- Rugged one-piece PVDF housing
 - Resistant to chemically aggressive environments
 - Cylindrical design allows for installation in various applications

- ### Options
- Nut—1.5" BSP thread
 - Complete assembly available with standard cable lengths
 - 10 KΩ thermistors are optional for temperature compensation
 - FM approved

