



Dimensions: 63x63x25 mm

AIRMAR INTRODUCES NEW ULTRASONIC LIQUID LEVEL SENSOR FOR OEMS TTW-550 Provides Non-invasive Fluid Measurement Solution

FOR IMMEDIATE RELEASE: MILFORD, NH. (June 27, 2018) – AIRMAR® Technology Corporation, a world leader in the design and manufacture of high-performance sensor technology is pleased to announce the new TTW-550, a non-invasive ultrasonic liquid level sensor. Utilizing patent pending signal processing, the sensor automatically selects the waveform best suited for the specific tank material and thickness and provides continuous bottom-up liquid level detection. The sensor is easy to install and is suitable for external mounting on plastic, steel, and stainless steel tanks, including sealed/pressurized tanks. Currently optimized for the standard 5mm thickness of a single wall ISO tank, the TTW-550 can be customized for other wall thicknesses.

“The TTW-550 adds to our existing suite of level sensors, providing OEMs with the option to select the best sensor for their application,” stated Susan Bennett, Business Development Manager. Bennett added, “Airmar offers the widest frequency range of non-contact, air-coupled transducers as well as transducers for in-pipe liquid level applications.”

The TTW-550 offers a clear advantage over traditional, invasive, mechanical sensors and gauges and provides improved efficiencies in liquid asset monitoring. Airmar’s new sensor is ideal for tank applications including bulk transport, beverage production, and chemical storage where measuring the rate of consumption and inventory levels are critical.

TTW-550 Specifications

Housing Dimensions:	63x63x25 mm
Housing Material:	Glass filled polyester
Weight:	227 g
Acoustic Output:	Adaptive to a wide range of tank material and thickness
External Signal Interface:	RS 485, half duplex
Level Range:	Minimum .2 m to 3.75 m
Power Voltage:	+7VDC +/-1.0V
Power Draw:	2 Watts Max.
Temperature Range:	-10°C to +60°C
Relative Humidity:	0% to 100%
Depth Resolution:	20 mm
External Tank Temp Accuracy:	+/- 1°C

IP68 Rating

Note: Patent Pending

About AIRMAR

AIRMAR® Technology Corporation is a world leader in ultrasonic sensor technology for marine and industrial applications. We manufacture advanced ultrasonic transducers, flow sensors, WeatherStation® instruments used for a wide variety of applications. Fishing, navigation, meteorology, survey, level measurement, process control, and proximity sensing are just some of our markets. Established in 1982, AIRMAR's headquarters are located in Milford, New Hampshire. Visit the Company's web site at www.airmar.com.