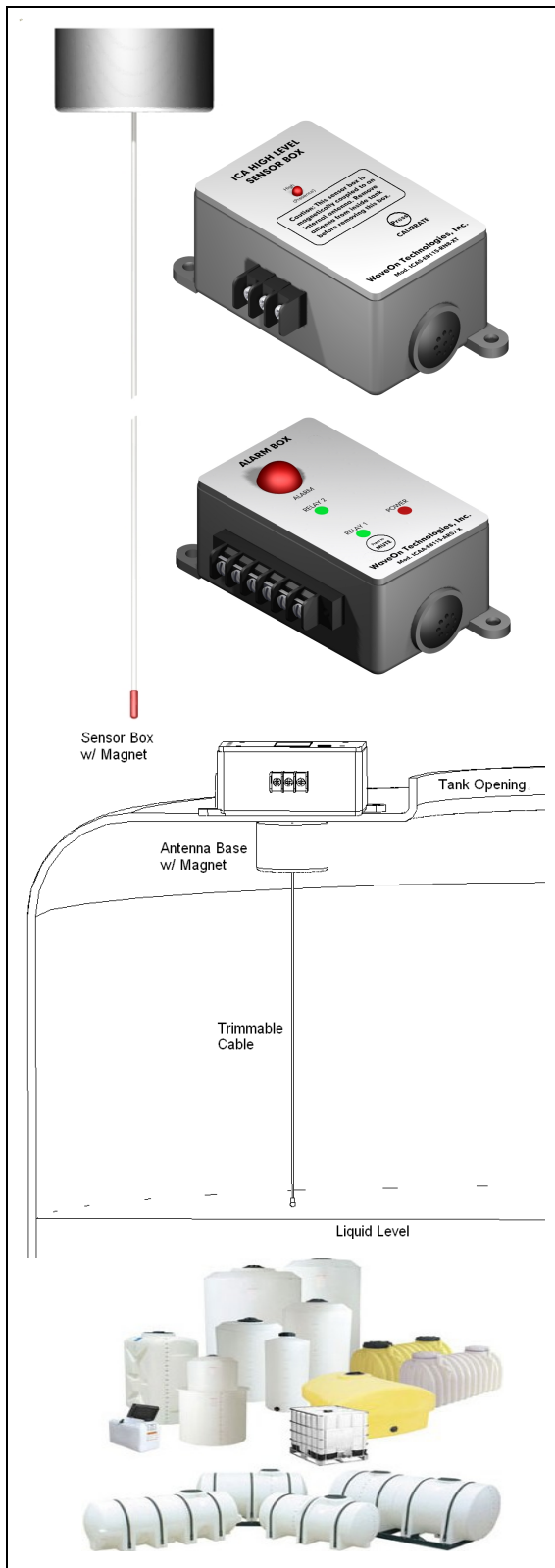




WaveOn
Technologies, Inc.

ICA Capacitive Sensor

Internal Single Point Level Monitor for Plastic Tanks



Eliminate over filled tanks or unexpected outages. The ICA level monitor provides single point detection of any liquid, in virtually any non metal tank up to .5 inches (12mm) thick. By coupling through the tank wall, no added access holes, drilling or special fittings are needed. Available in high level and low level models.

A unique, internally mounted magnetic base antenna intrinsically couples to the magnetic sensor box outside the tank. (see diagram to left) The antenna is positioned on the inside, upper surface of the tank. When the sensor box is positioned directly above the antenna, strong neodymium magnets clamp the antenna and sensor box firmly in place. Screws, Velcro or high bond tape may be used to hold the control box in position. Should the antenna be dropped during installation, it floats to facilitate retrieval.

An optional ICA alarm box provides an 110 dB alarm, a large ultra bright flashing LED and 2 - 10 amp N.O./ N.C. relays to trigger remote alarms, PLCs, control transfer pumps, etc.

Features and specifications:

- Works on any liquid, and on most plastic tanks
- Rapid installation, rapid removal
- May be easily used for temporary applications
- No moving parts
- Requires no added holes or fittings in tank
- No contamination or safety risk from hole drilling
- No concern over coating on tank walls or floats
- PVC coated cable resists most chemicals
- PVC magnet base floats if dropped in tank
- Unlike ultrasonics, accurate to top of tank
- One touch calibration without draining or filling
- Antenna lengths up to 20 feet, contain no batteries, and are easily trimmed to length
- Up to 8 sensor boxes may be daisy chained to a single ICA alarm box or to other devices
- Sensor box requires 12 VDC supply
- Alarm box requires 24 VAC, and supplies 12 VDC to sensor boxes