ATI-5010S  Sump Brine Sensor

The ATI-5010S Sump Brine Sensor detects rising or lowering levels of brine or other liquids in the interstitial sump of a double-wall tank. A leak in the tank causes a change in the brine level in the sensor, moving one of the floats and activating an internal switch, triggering an alarm and/or indicator.

**Detectable Liquids**
Salt brine, glycol, water or other non-petroleum liquid.

**Sensor**
Immersion type sensor consisting of tandem float switches, encased in a protective slosh-guard housing.
_Circuit:_ Normally Open.

**Dimensions**
_Standard:_ L 14.6“/37cm x Dia. 1.15“/29.2mm.
For other sump sizes, please contact factory.

**Operating Temperature Range**
_Water:_ 0 to +60 °C (+32 to 140 °F).
_Brine:_ -40 to +60 °C (-40 to +140 °F).

**Electrical Rating**
80 mA @ 120 VAC, 60 Hz, resistive.
40 mA @ 240 VAC, 60 Hz, resistive.
500 mA @ 24 VDC, resistive.

**Response Time**
Instantaneous (depends on rate of change of level).

**Repeatability**
Excellent, even after repeated immersions.

**Installation Wiring**
4-conductor shielded cable.

**Warranty**
One (1) year, limited warranty.

**IMPORTANT:** This passive device must be used with an Armstrong Technologies Inc (or compatible) liquid monitor, or an approved zener diode IS barrier and in compliance with applicable federal, provincial, state and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and materials to be handled. Armstrong Technologies MAKES NO WARRANTY OF FITNESS FOR A PARTICULAR USE. All information and specifications in this literature are based on the latest product data available at the time of publication. Armstrong Technologies reserves the right to make changes at any time in prices, materials, specifications and to discontinue products without notice or obligation.