



A.T. Monitors

A leader in leak detection and level monitoring equipment

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.



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.

COMPATIBLE MONITORS



ATI-5100



ATI-6107



ATI-1503 Series

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

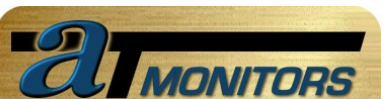
Excellent, even after repeated immersions.

Installation Wiring

4-conductor shielded cable.

Warranty

One (1) year, limited warranty.



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