



A.T. Monitors

A leader in leak detection and level monitoring equipment

ATI-5029 Liquid Level Measurement Probe

The ATI-5029 Liquid Level Measurement Probe provides continuous liquid level monitoring in increments of one inch or 2 cm, for accurate depth measurement readings. A change in the level of liquid (in a tank, vat, well, etc...) moves the magnetic float up or down the probe, tripping the internal sensors and transmitting the level reading to the ATI-DM335 Level Display Module.

Measurable Liquids

Water, petroleum products (i.e. gasoline, diesel, waste oil), chemicals, etc...

Sensor (Explosion-proof)

Immersion type stainless steel probe with closely-spaced, internal sensors which are activated by an external magnetic float. The probe-to-bottom depth can be adjusted with the compression fitting.

Output

Standard: 4-20 mA.



Dimensions

Lengths: 2 to 8 feet in 1 foot increments (measurement range). Custom probes are available in non-standard lengths. **NOTE: Probes over 10'11" are not CSA certified.** Standard Mounting: 2" NPT male threaded reducer. For other sizes contact Armstrong Technologies.

Operating Temperature Range

-40* to +60 °C (-40* to +140 °F).
* Depends on freezing point of the liquid and/or "pour-point" rating (i.e.: P-30 liquid freezes below -30°C).

Power Requirements

12VDC @ 20mA max.

APPLICATIONS

- Water treatment facilities
- Sewer systems & flood control
- Industrial processing
- Waste treatment facilities
- Oil & water separators
- UST & AST facilities
- Fuel storage tanks
- Agriculture (storage systems)

Response Time

Instantaneous (depends on rate of change of level).

Accuracy

One inch or 2 cm increments.

Installation Wiring

2-conductor shielded cable.

Warranty

One (1) year, limited warranty.



IMPORTANT: This device must be used with an Armstrong Technologies Inc ATI-DM335 module, or a compatible 4-20mA monitor through 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.



Certified explosion-proof Class I, Groups C & D



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