



# A.T. Monitors

A leader in leak detection and level monitoring equipment

## ATI-5005TN Thread-mount Water Sensor

The ATI-5005TN Thread-mount Water Sensor is designed to detect water or other conductive liquids at point locations in tanks, sumps, piping, HVAC ducts and AC units, and many other locations. When the electrodes on the sensor detect conductive liquids, it closes the circuit back at the monitor, instantly activating an alarm. When liquid is no longer present, the alarm state is automatically cleared.

The ATI-5005TN is an economical, nylon housing version of our basic ATI-5005B and stainless-steel ATI-5005TS sensors. When ordered with Teflon cable (#55052), it is safe for use in areas with high sanitary requirements, such as clean rooms, food, dairy and medical.

### Detectable Liquids

Water and/or any conductive liquid with a resistance less than 4 Meg.

### Sensor

Immersion type sensor consisting of corrosion and chemical resistant Nylon housing and stainless-steel conductivity electrodes.

*Circuit:* Normally Open.



**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-5107



ATI-1503 Series

### Dimensions

L 2.05"/52mm x Dia. 1.25"/32mm.

*Mounting:* 1/2" NPT male thread.

### Operating Range

*Temperature:* 0 to +100 °C (+32 to 212 °F) at contacts.  
Can function at lower temperatures as long as liquid does not thicken or solidify.

*Pressure:* Up to 60 psi at contacts.

### Response Time

*Water:* Instantaneous.

*Other:* Depends on conductivity of the liquid.

### Repeatability

Excellent, even after repeated immersions.

### Installation Wiring

2-conductor shielded cable.

### Warranty

One (1) year, limited warranty.




A.T. MONITORS  
A division of Armstrong Technologies Inc.

14 Birch Drive  
Kemptville, Ontario  
K0G 1J0, CANADA

Phone: 613-258-5225  
Fax: 613-258-2698  
E-mail: [info@atmonitors.com](mailto:info@atmonitors.com)  
Internet: [www.atmonitors.com](http://www.atmonitors.com)