ATI-5005TS  Thread-mount Water Sensor

The ATI-5005TS 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-5005TS is a heavy-duty, low maintenance, stainless-steel and nylon sensor, highly resistant to corrosion and chemicals. It can withstand higher temperatures and pressure than our basic ATI-5005B sensor. When ordered with Teflon cable, 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 resistant, stainless-steel housing and conductivity electrodes with a nylon insulator.
Circuit: Normally Open.

Dimensions
L 2.2”/56mm x Dia. 1.2”/30.5mm.
Mounting: 1/2” NPT male thread.

Operating Range
Temperature: 0 to +120 °C (+32 to 248 °F) at contacts. Can function at lower temperatures as long as liquid does not thicken or solidify.
Pressure: Up to 400 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.