ATI-5005T-RC  Thread-mount Sensor with Relay Contact

The ATI-5005T-RC Thread-mount 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 water or conductive liquids, it closes the circuit and activates the internal relay, instantly closing the contact to activate an external device. When liquid is no longer present, the alarm state is automatically cleared.

**NOTE:** ATI monitor NOT required. Will work with PLCs and other monitoring systems that have inputs for switching type sensors.

**Sensor**

Immersion type sensor consisting of a corrosion resistant aluminum alloy housing and stainless-steel conductivity electrodes with a nylon insulator. This sensor also features a blue LED for power and a red LED for alarm.

**Internal Relay Contact:** Normally Open.

**Contact Rating:** 300mA @ 125VAC, 1A @ 24VDC. (Green & White wires)

**Dimensions**

L 2.75" (70mm) x D 1.62" (41.5mm).

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

**Power Supply**

12 to 24 VDC @ 200 mA. (Black & Red wires)

**Operating Range**

**Temperature:** 0 to +70 °C (+32 to 158 °F) at contacts.

Can function at lower temperatures as long as liquid does not thicken or solidify.

**Pressure:** Up to 200 psi at contacts.

**Detectable Liquids & Response Time**

Water and/or any conductive liquid with a resistance less than 500K ohms.

**Water:** Instantaneous.

**Other:** Depends on conductivity of the liquid.

**Repeatability**

Excellent, even after repeated immersions.

**Installation Wiring**

4-conductor cable.

**Warranty**

One (1) year, limited warranty.