ATI-5005F-RC  Floor Water Sensor with Relay Contact

The ATI-5005F-RC Floor Water Sensor is designed to detect water or other conductive liquids at point locations. It can be placed directly on the floor or fastened to the wall near the floor. 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**
Immiscible type sensor consisting of an ABS plastic housing and stainless-steel conductivity electrodes, featuring 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**
W 2.2”/56mm x L 1.6”/40mm x H 0.6”/15mm.
*Mounting:* Slotted flange on two sides.

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

**Operating Temperature Range**
*Water:* 0 to +80 °C (+32 to 176 °F).
*Other Liquids:* Can function at lower temperatures as long as liquid does not thicken or solidify.

**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.