ATI-5010W  Interstitial Leak Sensor

The ATI-5010W Interstitial Leak Sensor is a non-discriminating liquid leak sensor which will detect the rising or lowering of liquids at a single location. This sensor is suited for various applications such as: Interstitial space of steel tanks, sumps, dispensers, wells, containers, vats, manholes, trenches, etc...

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

Sensor
Immersion type sensor consisting of an internal switch activated by a reversible, movable float (This is a non energy storing passive device).
Circuit: Normally Open (Normally Closed with float reversed).
Mounting: 3/4" NPT male thread.

Dimensions
L 2.5”/64mm x Dia. 1.5”/38mm.

Operating Temperature Range
Water: 0 to +60 °C (+32 to 140 °F).
Other: -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).

Electrical Rating
80 mA @ 120 VAC, 60 Hz, resistive.
40 mA @ 240 VAC, 60 Hz, resistive.
500 mA @ 24 VDC, resistive.

Response Time
Instantaneous (depends on rate of change of level).

Repeatability
Excellent, even after repeated immersions.

Installation Wiring
2-conductor shielded cable.

Warranty
One (1) year, limited warranty.