ATI-5029  Liquid Level Measurement Probe

The ATI-5029 Liquid Level Measurement Probe provides continuous liquid level monitoring in increments of one inch or 2 cm, for accurate depth measurement readings. A change in the level of liquid (in a tank, vat, well, etc...) moves the magnetic float up or down the probe, tripping the internal sensors and transmitting the level reading to the ATI-DM335 Level Display Module.

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

**Sensor (Explosion-proof)**
Immersion type stainless steel probe with closely-spaced, internal sensors which are activated by an external magnetic float. The probe-to-bottom depth can be adjusted with the compression fitting.

**Output**
Standard: 4-20 mA.

**Dimensions**
*Lengths:* 2 to 8 feet in 1 foot increments (measurement range). Custom probes are available in non-standard lengths.

**NOTE:** Probes over 10'11" are not CSA certified.

**Standard Mounting:** 2" NPT male threaded reducer. For other sizes contact Armstrong Technologies.

**Operating Temperature Range**
-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).

**Power Requirements**
12VDC @ 20mA max.

**APPLICATIONS**
- Water treatment facilities
- Sewer systems & flood control
- Industrial processing
- Waste treatment facilities
- Oil & water separators
- UST & AST facilities
- Fuel storage tanks
- Agriculture (storage systems)

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

**Accuracy**
One inch or 2 cm increments.

**Installation Wiring**
2-conductor shielded cable.

**Warranty**
One (1) year, limited warranty.