

AIR200

BENEFITS:

Fail-safe heater protection.
Not operator sensitive.

FEATURES:

Built-in visual alarm.
All PFA sensor and mounting bracket.
Additional audio alarm when used with ICD temperature controller/timer.
Self-contained, no external signal conditioning.

UTILITIES:

Voltage: 24 VDC, 120 VAC, 208 - 240 VAC
Current rating: 3 amps (20 amps optional)
Air connection: 1/4" tubing
Air pressure: 100 psi max., 5 psi min.
Air consumption: 0.2 to 1.0 SCFH

MECHANICAL FLOAT

FEATURES AND BENEFITS:

All PFA wetted surfaces to maintain your ultra-pure environment.
Over-the-top design for ease of installation and maintenance.
Operates in a variety of different tank sizes and styles.

OPTICAL

FEATURES AND BENEFITS:

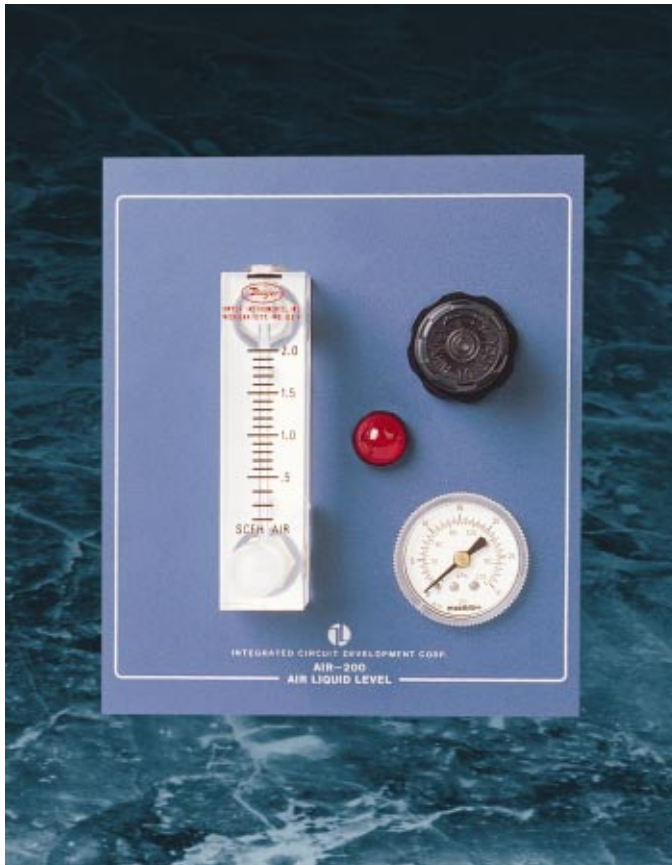
PFA wetted surfaces.
Optical refraction detects liquid presence.
Optical electronics - no moving parts, no maintenance.
1/2" NPT mounting.
Use with single-point, double-point or high-low level controller.

CAPACITIVE

FEATURES AND BENEFITS:

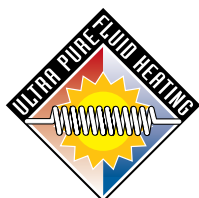
Operation involves no contact with your process solution.
Capacitive sensors work by sensing the dielectric change between the presence and absence of liquid.

All liquid-level sensors listed above will directly hook-up to our temperature controller with no additional external components.



The efficient, yet uncomplicated system will warn you and safety the bath if the bubbler tube is improperly installed or left out. The same safety action will occur if the bubbler tube is pinched and closes off the air supply. The ICD/Heateflex (ICD) model AIR200 is the industry's unmatched choice for safety and satisfaction.

In addition to the AIR200, ICD offers other reliable, economical sensors for assuring proper liquid level in baths, tanks, and piping systems. Three different styles are offered to ensure compatibility with your process solution and specific requirements. These sensors are used to safety tank heaters, sound alarms, or control pumps and valves.



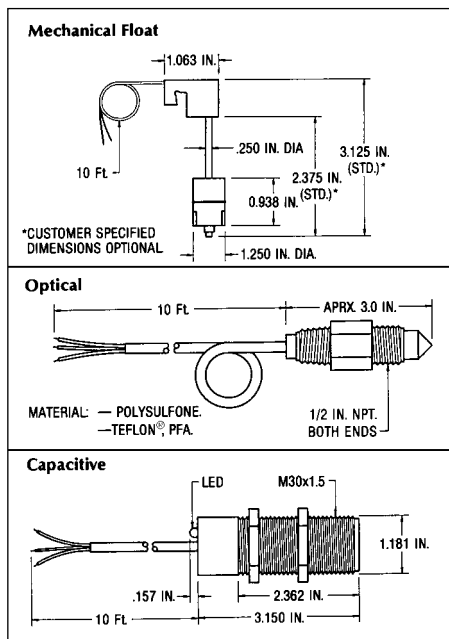
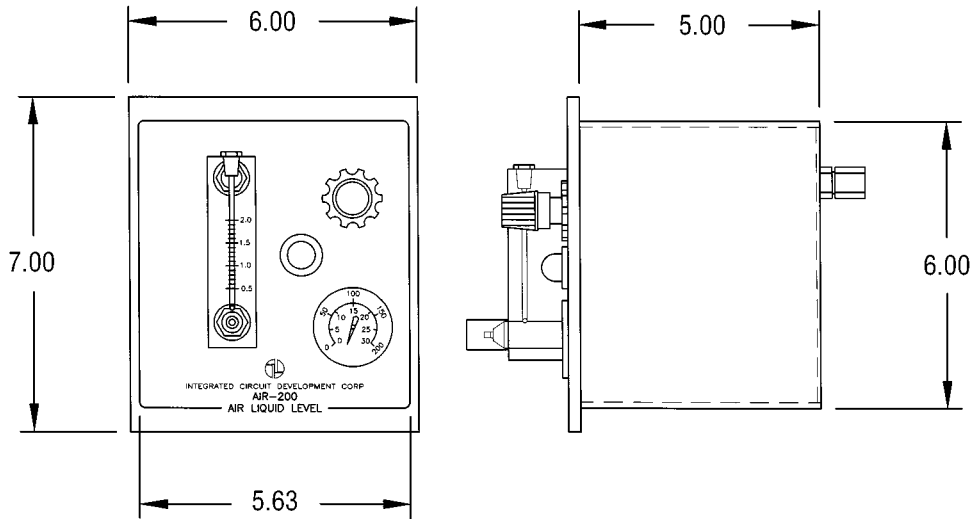
ICD/HEATEFLEX

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LIQUID LEVEL SENSORS

AIR-200 STANDARD MODEL SPECIFICATIONS:

MODEL NUMBER	DESCRIPTION	PILOT LAMP	COMMENTS
AIR-200-T	Air Liquid Level	5 VAC	For PFA Bath with Narrow Flange, 3A/5-240V Switch Rating.
AIR-200-T120	Air Liquid Level	120 VAC	For PFA Bath with Narrow Flange, 3A/5-240V Switch Rating.
AIR-200-T240	Air Liquid Level	none	For PFA Bath with Narrow Flange, 3A/5-240V Switch Rating.
AIR-200-Q5	Air Liquid Level	5 VAC	For Quartz Bath with Wide Flange, 3A/5-240V Switch Rating.
AIR-200-Q120	Air Liquid Level	120 VAC	For Quartz Bath with Wide Flange, 3A/5-240V Switch Rating.
AIR-200-Q240	Air Liquid Level	none	For Quartz Bath with Wide Flange, 3A/5-240V Switch Rating.



SPECIFICATIONS:

Maximum operating temperature: 150°C
 Electrical specifications: 0.5 A switching current
 120-240 VAC

SPECIFICATIONS:

Operating temperature: -25° C to 80° C.
 Several operating voltages and different outputs are available.

SPECIFICATIONS:

Operating temperature: -10° C to 55° C
 Electrical specifications: 3-Wire DC, 12-24 VDC,
 Normally open, NPN (sinking)
 Continuous load current: <200 mA
 LED function: red, output energized