

# 2000-Series Level-Ease Monitor

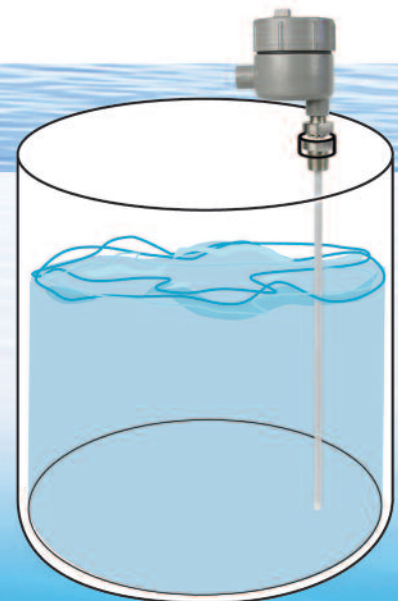
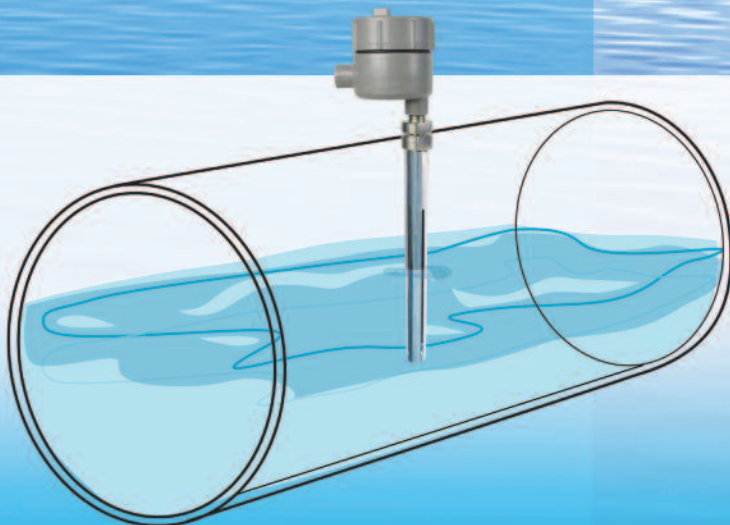


## Continuous level monitoring of liquids and bulk solids

Over 30 years of Arjay's field proven HF capacitance technology has been applied to the Level-Ease 2000 monitors. This unique level system provides complete flexibility for one or more tank levels in one package.

- capacitance technology does not foul or require cleaning
- no moving parts
- remote alarm unit mounts safely away from pipe
- single, dual or multi-tank systems

The Level-Ease 2000 sensing probe monitors the capacitance field between the probe and it's concentric shield or the tank wall. As the level of product increases the probe capacitance changes. This level signal is used to provide outputs, displays, and relay control.



# 2000-Series

## Features and Benefits

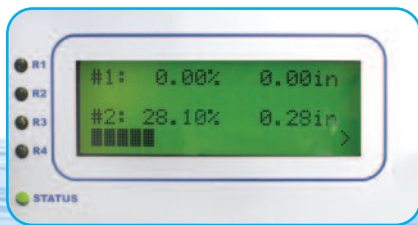
- no moving parts
- remote electronics via standard twisted pair
- available with Intrinsic Safety Barrier for Hazardous Locations
- high corrosion resistant Teflon and stainless steel wetted parts
- HF capacitance technology does not require routine cleaning
- easy calibration and control set-up
- standard unit can accept two probe inputs
- scanner system monitors multiple probe inputs

## Technical Specifications - Control Unit

Operating Temperature	0°C to +55°C
Power Input	24 vdc or 110 vac or 220 vac
Analog Output	4-20 mA proportional to level
Interface	RS-485 Modbus available
Display	backlit display of tank levels
Alarm Relays	4 x 10 amp, SPDT, dry
Standards	UL, CSA, CE
Enclosure	Type 4X, IP65

## Technical Specifications - Probe

Process Temperature	-60°C to +260°C
Ambient Temperature	-60°C to +55°C
Approval	CSA Class 1, Zone 1 and 2, Div 1 and 2, Groups A,B,C,D (also available with an Intrinsic Barrier option) ABSA-CRN #OF07450.2



The four line backlit display provides menu driven set-up functions and a display of up to two probe inputs.

All calibration, control relays and power wiring is available at the main control unit. This can be safely mounted up to 1 km away from the vessel.

The unique PMC circuit design, exclusive to Arjay, immediately converts the sensor signal to a frequency pulse for furtherance to the controller.



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