

Area Leak Alarm

Reliable monitoring of liquid leaks in containments and floor spaces

Over 30 years of Arjay's field proven HF capacitance technology has been applied to the 9830-LPS leak alarm. The sensors continuously monitor for the accumulation of liquid in a normally dry condition.

- capacitance technology alarms on any liquid
- no moving parts
- remote alarm unit mounts safely away from monitoring area
- available for hazardous rated locations



9830-LPS

The 9830-LPS sensor monitors the capacitance field between the sensor pad and the floor. Through a single push button calibration the controller locks in on the capacitance field of all sensing pads. Any liquid that intrudes into the pad space will increase the capacitive field and initiate an alarm.

■ Features and Benefits

- sensor pads can be placed in key locations and tight spaces
- up to 3 sensor pads can connect to one control unit
- adjustable time delay and sensitivity to eliminate nuisance alarms
- remote electronics via standard twisted pair
- available with Intrinsic Safety Barrier for Hazardous Locations
- high grade epoxy and PVC wetted parts allow for corrosive environments
- capacitance technology responds to all types of liquids

■ Technical Specifications - Control Unit

Operating Temperature	-20°C to 50°C
Power Input	24 vdc or 110 vac or 220 vac
Alarm Relay	5 amp, DPDT, dry
Standards	UL, CSA
Enclosure	Type 4X, IP65
Optional	Lights and Buzzer

■ Technical Specifications - Sensing Pads

Operating Temperature	-60°C to 50°C
I.S. Approval	CSA Class 1, Zone 2, Div 2, Groups A,B,C,D (when ordered with Intrinsic Barrier Option)



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 sump.



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

Arjay SS-06



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