

The evaporation sensor is used for the measurement of the water level in evaporation pans. The sensor is based on a precision linear measurement of the water level using a probe. The probe converts the linear position of the water level into electrical signals. The signal is collected through our Data logger unit which provides measurement into equivalent units of measure.

SPECIFICATIONS

Sensor Type:	Precise electric probe
Range:	0 to 1000 mm
Resolution:	0.1 mm
Accuracy:	+/- 0.5% FS
Response time:	< 10 sec
Power Supply:	12.0 V, 12 mA
Operating Temp:	0°C to +60°C
Long term drift:	< 1% FS/yr
Cable length:	100cm

Note: The pan itself is not the part of the sensor.

Integration with Data Logger:

- The evaporation sensor is operated through 12 volt Dc operating source.
- The readings are collected at every 10 min or less.
- The output of the sensor from data logger will be in instantaneous mode and into equivalent units of measure.
- The data logger output is stable and electronically calibrated into standard units.