Microcom Design, Inc.

Evaporation Pan Water-Level

Model EP-WL

P/N: EP-103-WL

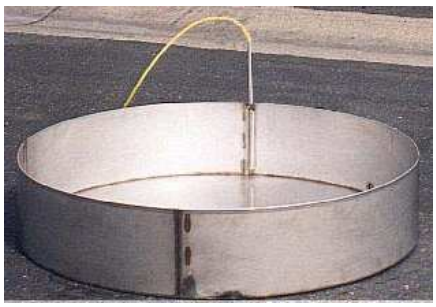
The **EP-WL** is the latest generation of wet pressure transducers. It provides the measurement of water head accurately and repeatability for Evaporation Pan water level fluctuation. The unit consists of a strain-gauge bridge-sensing element fitted to a housing of Type 316 Stainless Steel. The electronic circuitry is contained within sealed housing. The electrical connection is made via a multicore-vented submersible cable. The submersible pressure transducer is placed on the side of the Evaporation Pan as shown in the photo below.

Specifications

Sensor Element: Silicone Diaphragm, Wet/Wet Transducer
Range: 0-3 ft.
Linearity and Hysteresis: ±0.1% FS
Accuracy: ±0.1% FS at constant temperature, ±0.2% over 35°t o 70℉ range
Overpressure: 2 x full scale range
Burst Pressure: 10 x full scale range
Resolution: 0.01 ft.
Outputs: 2.5 VDC analog
Supply Voltage: 10-36VDC
Current Draw: Same as sensor output.
Warm Up Time: 10 ms minimum
Operating Temperature: -40°to +185℉
Compensated Temperature Range: 30 to 70℉
Housing:
- **Material:** 304L SS
- **Dimensions:** up to 51/2” long x 3/4" diameter

Weight: 115g (4 oz)
Cable:
- **Conductors:** 4 each 22 AWG

Shield: Aluminum Mylar



EP-103-WL Water level sensor Evaporation Pan installation

Ordering Information

Specify distance from Evaporation Pan to DCP

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