



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:**  $\pm 0.1\%$  FS

**Accuracy:**  $\pm 0.1\%$  FS at constant temperature,  $\pm 0.2\%$  over 35° to 70°F 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°F

**Compensated Temperature Range:** 30 to 70°F

**Housing:**

**Material:** 304L SS

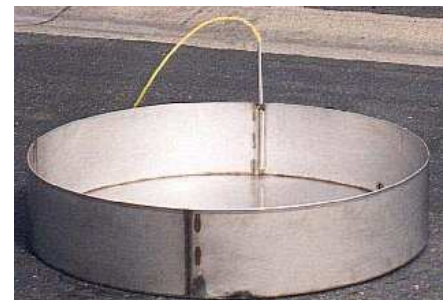
**Dimensions:** up to 5 1/2" long x 3/4" diameter

**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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