



# DC Volumetric Single Station Controller BEC PM1

The BEC PM1 Controller enables volumetric irrigation when controlling the BERMAD Hydrometer Model IR-910-M0-2DS-KX, or any standard "Water meter & Control Valve system". The BEC PM1 receives digital inputs from the water meter and shuts the Hydrometer or the control valve after it accurately delivered a preset quantity of water.



## Features and Benefits

- **Irrigation by volume**
  - LCD Display
  - Continuous flow (Pulse/Hour) or time display
  - Preset volume up to 9999 Pulses
  - Up to three start times per day
  - Weekly or interval schedule
  - 12 or 24 hours clock
  - Seasonal adjustment 10%-200%
  - Programmable "dry contact" input override
- **Installation in remote areas and confined spaces**
  - Operated by 9 VDC Alkaline battery
  - Long lasting battery
  - Weather & submersion protected
- **Ease of operation**
  - "Next Step" programming



## Typical Applications

- Pulses or time Count Down Irrigation - Electronic
- Automatic Metering Valve (AMV)
- Time or Volume irrigation control
- Tank volumetric fill-up control
- Volume or time based end of pipe flush control
- Level Control with time prioritization and fail safe option
- High or low pre-set pressure control according to system flow

## Technical Specifications

**Hardware:** Power Supply: 9 Volt Alkaline battery

**Output:** 12 VDC Latch (BERMAD S-392, or S-982 Solenoid)

**Inputs:** Two dedicated Contact - water meter or override switch

**Temperature and Humidity:**

**Ambient Temperature:** -20°C to 60°C; -4°F to 140°F

**Storage Temperature:** -30°C to 70°C; -22°F to 158°F

**Relative Humidity:** 0-90%

**Enclosure:**

**Material:** UV Resistant ABS

**Protection Class:** IP68 / NEMA 6P



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