



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

