



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" programing



Typical Applications

- 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

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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