

Hydrometer

Magnetic Drive with Solenoid Control

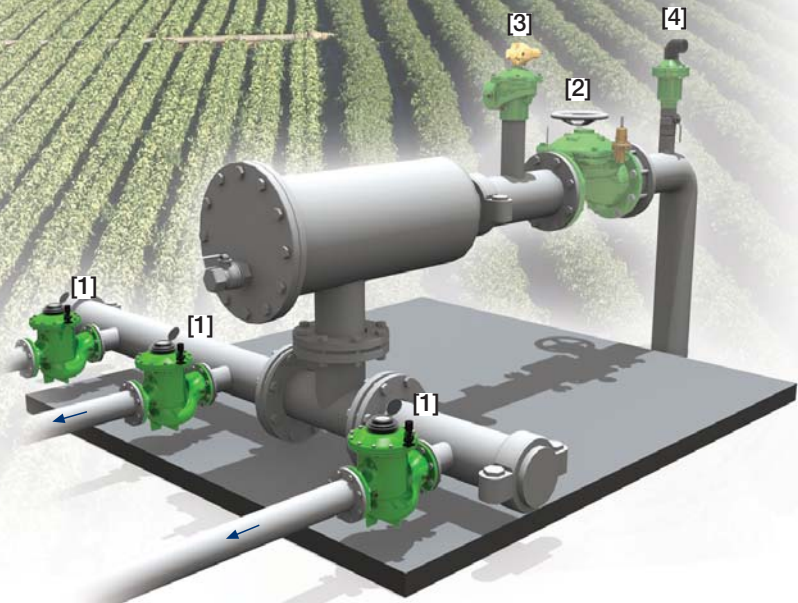
IR-910-M0-RX

The BERMAD Hydrometer with Solenoid Control integrates a vertical turbine Woltman-type water meter with a diaphragm actuated hydraulic control valve. The impeller drive is magnetically coupled to a vacuum-sealed meter register in the control head. As the system's Flow Meter and Main Valve, it controls system irrigation together with the irrigation controller. The BERMAD Model IR-910-M0-RX opens and shuts in response to an electric signal.



Features and Benefits

- Integrated "All-in-One" Control Valve
 - Saves space, cost and maintenance
- Hydraulic Hydrometer with Solenoid Control
 - Line pressure driven
 - Electrically controlled On/Off
- Magnetic Drive with Vacuum-Sealed Register
 - Water-free gear train mechanism
 - Reed-switch and Opto pulse-generating modes
 - Various pulse combinations
- Internal Inlet & Outlet Flow Straighteners
 - Saves on straightening distances
 - Maintains accuracy
- Integrated Flow Metering Calibration Device
 - Precise measurement
- User-Friendly Design
 - Simple in-line inspection and service



Typical Applications

- Computerized Irrigation Systems
- Distribution Centers
- Remote and/or Elevated Systems
- Remote Flow Fata Read-Out
- Flow Monitoring & Leakage Control
- Water Treatment Systems
- Irrigation Machines

- [1] BERMAD Model IR-910-M0-RX opens in response to an electric signal, measuring the flow.
- [2] BERMAD Pressure Reducing Valve Model IR-420
- [3] BERMAD Relief Valve Model IR-43Q
- [4] BERMAD Air Valve Model ARC-A-I-I

