

Hydrometer

**Magnetic Drive
with Solenoid Controlled**

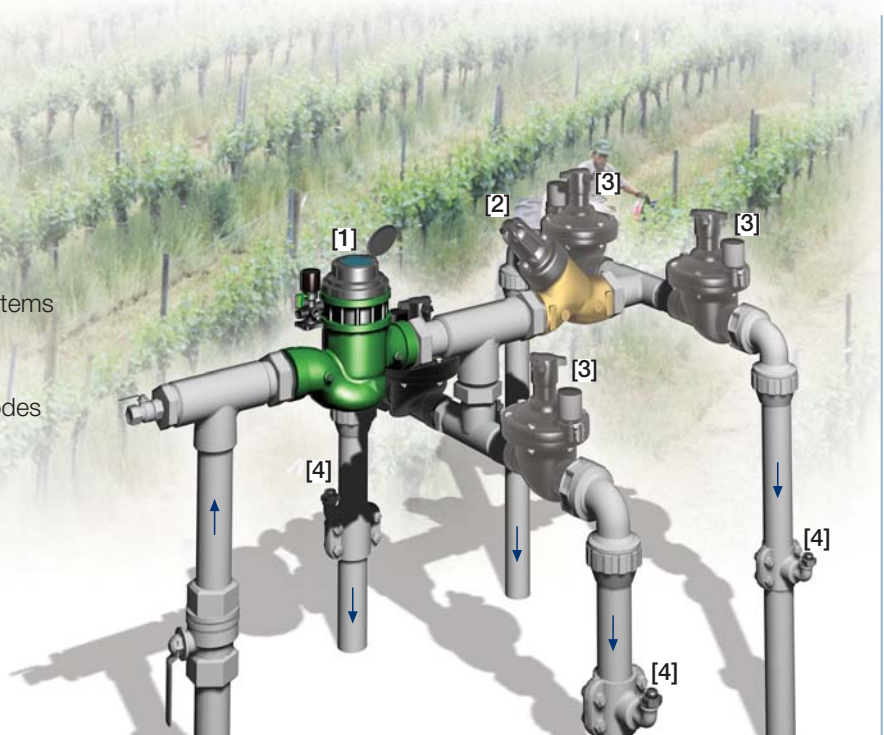
IR-910-M0-KX

The BERMAD Model IR-910-M0-KX 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. Serving as Flow Meter and Main Valve, the BERMAD Model IR-910-M0-KX controls irrigation together with the irrigation controller. The BERMAD Hydrometer 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
 - Suitable also for remote and/or elevated systems
- 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
- Remote/Elevated Systems
- Remote Flow Data Read-Out
- Flow Monitoring & Leakage Control
- Water Treatment Systems
- Distribution Centers

- [1] BERMAD Model IR-910-M0-KX opens in response to an electric signal measuring the flow.
- [2] BERMAD Pressure Reducer Model 015-PRV
- [3] BERMAD Solenoid Controlled Valve Model 210-N1
- [4] BERMAD Vacuum Breaker Model 1/2"-ARV