

Solenoid Controlled Valve

with 2-Way Internal Controls

IR-110-NI-2W

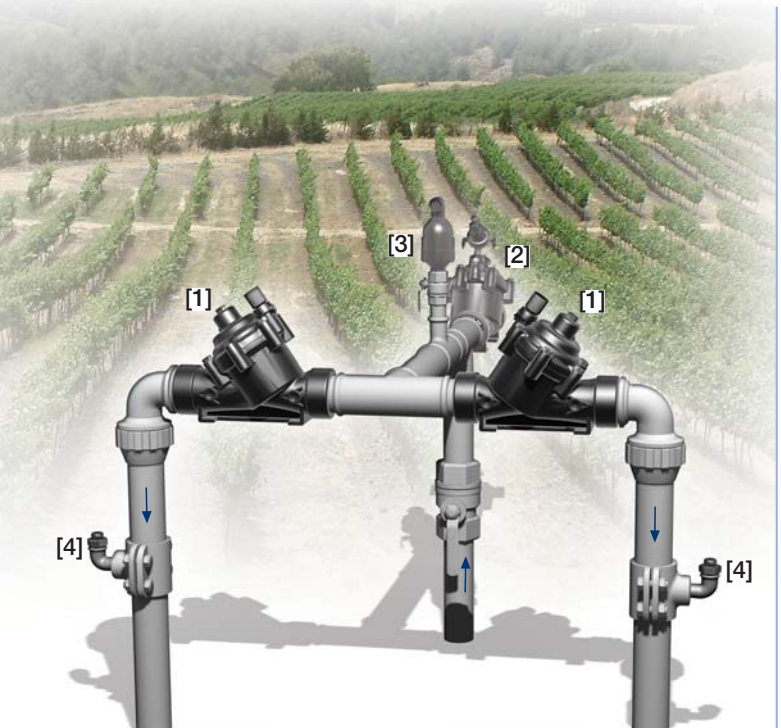
The BERMAD 2-Way Solenoid Controlled Valve is a hydraulically operated, diaphragm actuated control valve with internal hydraulic Feed & Bleed control loop.

The BERMAD Model IR-110-N1-2W opens and closes drip-tight in response to an electric signal, which causes the solenoid to open or close the valve's internal hydraulic loop.



Features and Benefits

- Line Pressure Driven, Electrically Controlled On/Off
- Internal Hydraulic Feed & Bleed Loop
 - Self cleaning internal control strainer
 - No tubing and fittings
- Engineered Plastic Valve with Industrial Grade Design
 - Highly durable, chemical and cavitation resistant
 - No internal bolts and nuts
- hYflow 'Y' Valve Body with "Look Through" Design
 - Ultra-high flow capacity – Low pressure loss
- Unitized Flexible Super Travel (FST) Diaphragm and Guided Plug
 - Smooth closing
 - Requires low opening and actuation pressure
 - Prevents diaphragm erosion and distortion
- Simple In-Line Inspection and Service



Typical Applications

- Computerized Irrigation Systems
- Remote/Elevated Systems
- Turf & Buried Pipe Applications
- Industrial Greenhouse Irrigation
- Low Supplied Pressure Irrigation Systems
- Energy Saving Irrigation Systems

- [1] BERMAD Models IR-110-N1-2W open in response to electric signals.
- [2] BERMAD Relief Valve Model IR-13Q
- [3] BERMAD Air Valve Model ARA-A-P-P
- [4] BERMAD Vacuum Breaker Model 1/2"-ARV



Solenoid Controlled Valve

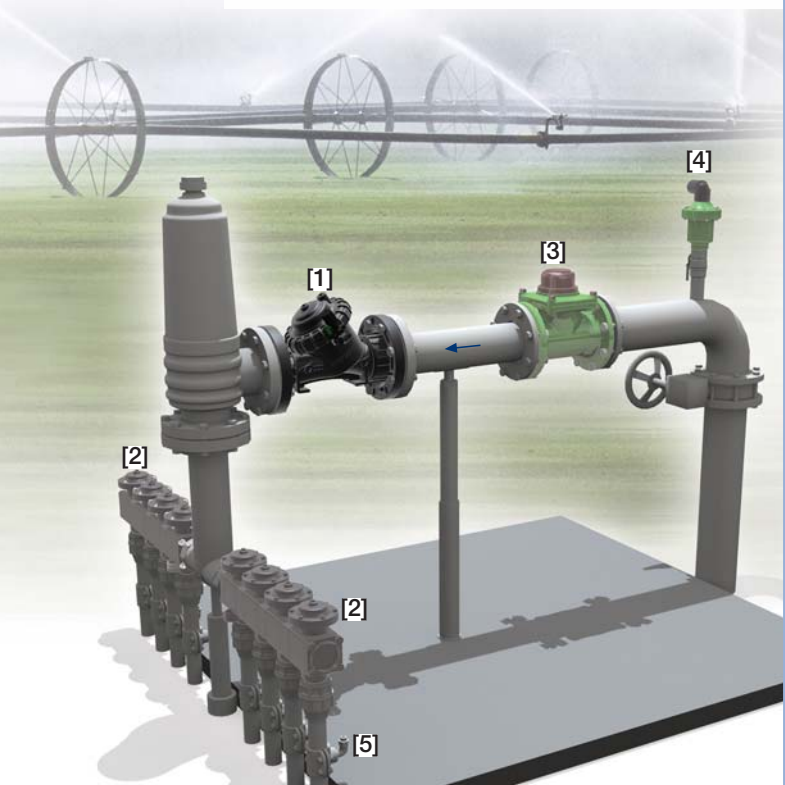
IR-110-X

The BERMAD Solenoid Controlled Valve is a hydraulically operated, diaphragm actuated control valve that opens and shuts in response to an electric signal.



Features and Benefits

- Hydraulic Control Valve with Solenoid Control
 - Line pressure driven
 - Electrically controlled On/Off
- Engineered Plastic Valve with Industrial Grade Design
 - Adaptable on-site to a wide range of end connection sizes and types
 - Articulated flange connections eliminate mechanical and hydraulic stresses
 - Highly durable, chemical and cavitation resistant
- hYflow 'Y' Valve Body with "Look Through" Design
 - Ultra-high flow capacity - Low pressure loss
- Unitized "Flexible Super Travel" (FST) Diaphragm and Guided Plug
 - Smooth closing
 - Requires low actuation pressure
 - Prevents diaphragm erosion and distortion
- User-friendly Design
 - Simple in-line inspection and service



Typical Applications

- Computerized Irrigation Systems
- Remote and/or Elevated Systems
- Distribution Centers
- Low Supplied Pressure Irrigation Systems
- Energy saving Irrigation Systems

- [1] BERMAD Model IR-110-X opens in response to an electric signal.
- [2] BERMAD Manifold Valve Model IR-MVS-30540-KIT
- [3] BERMAD Water Meter Model WPH
- [4] BERMAD Air Valve Model ARC-A-P-I
- [5] BERMAD Vacuum Breaker Model 1/2" ARV

