



IRRIGATION

PART 1 - PRODUCTS

- 1.1 FLOW SENSOR - WIRERIDE
 - A. WIRERIDE DEVICE(S) shall be model SLF-WIRERIDE or SLF-WIRERIDE-PT manufactured by Creative Sensor Technology, Incorporated of Rochester, Massachusetts for Weathermatic Sprinkler Division of Telsco Industries.
 - B. The WireRide device shall allow a Weathermatic flow sensor and solenoid actuated master valve (WIRERIDE) or hydrometer (WIRERIDE-PT) to be retrofit to an irrigation system utilizing existing zone valve wires to carry data and valve control signals to the irrigation controller.
 - C. A "host" valve and its wires shall be utilized as the connection to controller through the WireRide Field Module.
 - D. A WireRide Controller Module located at the controller location shall be utilized to connect the host valve wires to the host valve zone, master valve and flow sensor inputs on the controller.
- 1.2 CONSTRUCTION
 - A. Controller Module: ABS housing rated NEMA 1 for indoor use, with exposed screw type terminals and operating status "day-light" bright LEDs
 - B. Field Module: ABS shell with epoxy encapsulation for NEMA 6p outdoor service. Operating status "day-light" bright LEDs are embedded in epoxy. Color coded 8" X #18 wire leads with UF insulation.
- 1.3 DIMENSIONS
 - A. SLF-WIRERIDE Field Module – 1.5" W x 4.0" L x 2.0" H
 - B. SLF-WIRERIDE Controller Module – 5.37" W x 2.63" L x 1.27" H
- 1.4 ELECTRICAL SPECIFICATIONS
 - A. The SLF-WIRERIDE and SLF-WIRERIDE-PT shall be powered by 24 VAC.
 - B. Power consumption shall be 75 mA for WireRide modules plus operation of the host zone valve and master valve. Nominally 600 mA.
- 1.5 WARRANTY
 - A. SLF-WIRERIDE and SLF-WIRERIDE-PT shall have a manufacturer's limited warranty of two (2) years.