



IRRIGATION

PART 1 - PRODUCTS

- 1.1 FLOW SENSOR - ISOFLOW
- A. ISOFLOW DEVICE(S) shall be model SLF-ISOFLOW-302 or SLF-ISOFLOW-304 manufactured by Creative Sensor Technology, Incorporated of Rochester, Massachusetts for Weathermatic Sprinkler Division of Telsco Industries.
 - B. The IsoFlow device shall receive the signal from one digital flow sensor and provides multiple electrically isolated outputs.
 - C. The IsoFlow shall provide optional control inputs allowing the device to selectively switch outputs from one channel to the others or all.
 - D. Control outputs are also electrically isolated from each other.
- 1.2 CONSTRUCTION
- A. The SLF-ISOFLOW-302 device shall be an integrated circuit board fully encapsulated in a watertight epoxy with connections for one flow sensor input, and two flow sensor outputs, two MV control valves, and 12-24VAC or DC power.
 - B. Status LEDs shall indicate the current status and powered operation of the unit.
 - C. The SLF-ISOFLOW-304 device shall be an integrated circuit board with connections for one flow sensor input, and four flow sensor outputs, four MV control valves, and 24VAC power. Status LEDs shall indicate the current status and powered operation of the unit.
 - D. The SLF-ISOFLOW-304 shall be housed in a NEMA 1 Enclosure.
- 1.3 DIMENSIONS
- A. SLF-ISOFLOW-302 – Electronics potted ABS shell. 3" W x 1.5" L x 1" H
 - B. SLF-ISOFLOW-304 – NEMA 1 Enclosure. 4" W X 7.125" L X 1.125" H
- 1.4 ELECTRICAL SPECIFICATIONS
- A. The SLF-ISOFLOW sensor input shall be up to a 24 V pulse (~4.5 volt switch level).
 - B. The sensor output shall be an open collector (10 mA sinking)
- 1.5 WARRANTY
- A. SLF-ISOFLOW-302 and SLF-ISOFLOW-304 shall have a manufacturer's limited warranty of two (2) years.