



Description

System Sensor’s WFD Series Waterflow Detector is usually installed on system piping as designated on the drawing and/or as specified herein. The detector shall respond to waterflow in the specified direction after a preset time delay that is field adjustable. The delay mechanism shall be a sealed mechanical pneumatic unit with visual indication of actuation. The actuation mechanism shall include a polyethylene vane inserted through a hole in the pipe and connected by a mechanical linkage to the delay mechanism.

Specification

Static Pressure Rating	450 PSI*
Operating Temperature Range	32°F to 120°F (0°C to 49°C)
Maximum Surge	18 Feet Per Second (FPS)
Enclosure Rating*	NEMA 4 – suitable for indoor/outdoor use
Triggering Threshold Bandwidth (Flow Rate)	4–10 GPM
Cover Tamper Switch	Standard with ULC models, optional for UL models
Conduit Entrances	Two openings for ½” conduit. One open, one knock-out type
Contact Ratings	Two sets of SPDT (Form C) 10.0 A, ½ HP @ 125/250 VAC 2.5 A @ 6/12/24 VDC
Compatible Pipe	Steel water pipe, schedule 10 through 40