

We are a water flow indicator OEM manufacture factory which local at Suzhou,China. Our main product is Water flow indicator with Retard and Detected pressure switch, the water flow indicator have time delay function, quality and reliable. Our product's quality can compare with the famous brand.

WFA series water flow indicators are an vane-type & saddle water indicator with time delay function, which can suit for pipe schedules 10 through 40, size 2" through 8"(50mm to 200mm). The external structure is easy to install and maintain. Paddles are made from a novel polymer engineering material, which enhances the sensitivity and stability of the water flow indicator. The delay structure is convenient for field adjustment or replacement.

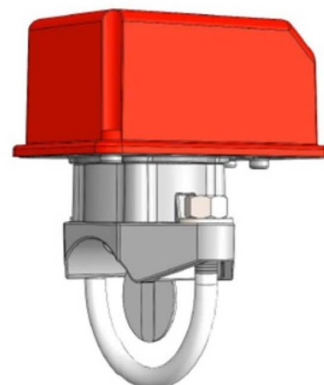
DPS10/40 series pressure switches design structure is reliable, performance is stable, the action pressure factory setting is:5~7psi(0.035~0.05MPa), when install on the wet alarm valve, there is no false signal.

WFAR Series Water Flow Detector with Retard

Engineering Specifications

The WFAR water flow detectors shall be installed on system piping as designated on the drawing and/or as specified herein. Water flow detectors shall mount on any clear pipe span of the appropriate normal size, either a horizontal or vertical pipe. The detectors shall have a sensitivity in the range of 4-10 gallons per minute and a static pressure rating up to 450psi for 2"-8" (50mm thru 200mm) pipes. The detector shall respond to water flow in the specified direction after a preset time delay that is field adjustable. The retard structure shall be a sealed mechanical pneumatic unit with visual time delay adjustment.

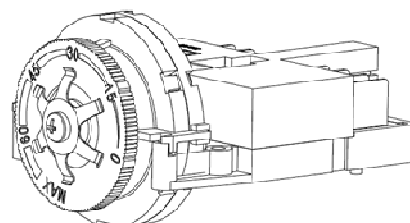
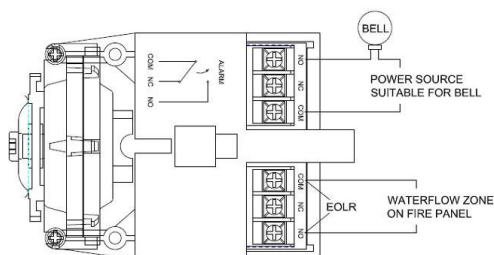
Note: Cover material is Plastic, alternative Aluminum Cover.



Features and Specifications

Working Pressure	Max3.1Mpa (450psi)	Operating Temperature	4.5°C to 49°C (40° F to 120°F)
Sensitivity	15.0-37.5L/min (4-10GPM)	Maximum Surge	5.5m/s (18FPS)
Contact Rating	Two sets of SPDT (Form C) 10.1A@125/250VAC 2A@24VDC	Retard Structure	Time delay adjustment via rotate dial
Enclosure Rating	NEMA 4- suitable for indoor/outdoor	Two sets Micro-switch	100% synchronization
Compatible Pipe	Steel pipe, schedule 10 through 40	Tamper Device	Special tamper screws to prevent disassembly
Standards			FM1042-2016&UL346

Typical Electrical Connections and Time Delay Adjustment



Retard Structure can be set from "0" to "MAX" position, delay time can be set from 0~90secs

Model and Size

Model	Description	Pipe Size	Hole Size
WFAR-2	Vane-Type Water flow detector	50mm (2")	31.8mm(1-1/4")
WFAR-2.5	Vane-Type Water flow detector	65mm (2.5")	31.8mm(1-1/4")
WFAR-3	Vane-Type Water flow detector	80mm (3")	50.8mm(2")
WFAR-4	Vane-Type Water flow detector	100mm (4")	50.8mm(2")
WFAR-6	Vane-Type Water flow detector	150mm (6")	50.8mm(2")
WFAR-8	Vane-Type Water flow detector	200mm (8")	50.8mm(2")