



MA-WFS-CT (FM) T-tap Water Flow Detector with Retard

ENGINEERING SPECIFICATIONS

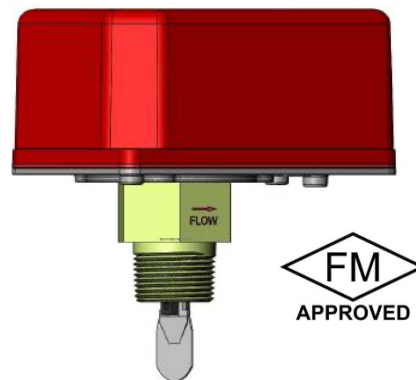
The **MA-WFS-CT** T-tap water flow detectors shall be installed on a tee that has a 1 inch NPT branch include 1in., 1^{1/4} in., 1^{1/2} in. and 2in.

as designated on the drawing and/or as specified herein. Water flow indicators shall mount on any clear pipe span of the appropriate normal size, either a horizontal or vertical pipe. The indicators shall have a sensitivity in the range of 4-10 gallons per minute and a static pressure rating up to 450psi for 1"-2" (DN25 thru DN50) pipes. The indicator 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.

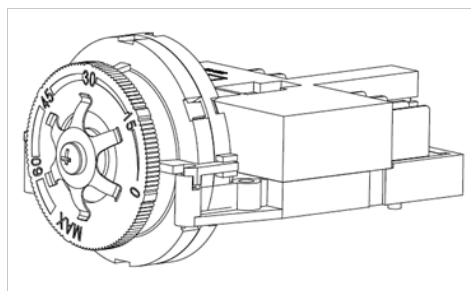
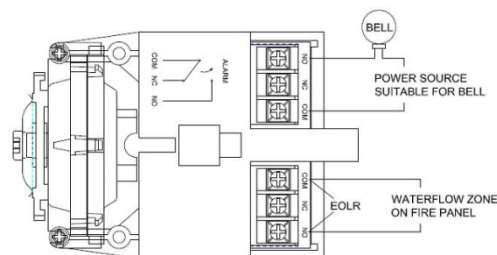
NOTE: Cover material is Aluminum, alternative Plastic Cover.

FEATURE

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
Enclosure Rating	NEMA 4- suitable for indoor/outdoor
Tamper Device	Special tamper screws to prevent disassembly
Compatible Pipe	Steel pipe, schedule 10 through 40
Standard	GB5135.7-2018 & FM1042-2016
Retard Structure	Time delay adjustment via rotate dial
Two sets Micro-switch	100% synchronization



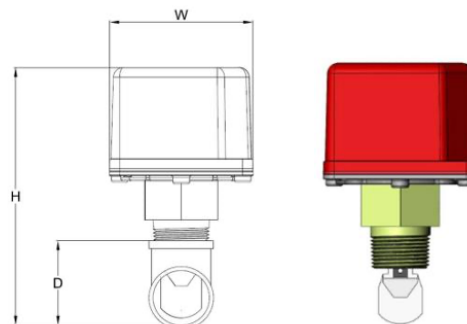
TYPICAL ELECTRICAL CONNECTIONS & TIME DELAY ADJUSTMENT



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

MODEL & SIZE

Dimensions (mm/Inch)		
Size	1" DN25	1-1/4" DN32
W	95.25/3.75	95.25/3.75
H	168.65/6.64	177.3/6.98
D (Depth)	54/2.12	62.5/2.46
Size	1-1/2" DN40	2" DN50
W	95.25/3.75	95.25/3.75
H	183.65/7.23	196.85/7.75
D (Depth)	69/2.71	82/3.22



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