T-TAP TYPE WATER FLOW DETECTOR WITH RETARD

Fig No.: WFD-T

DESCRIPTION

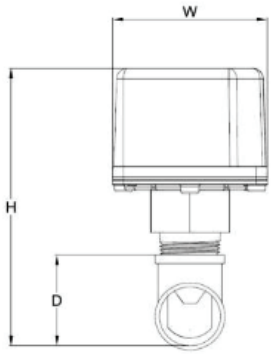
The WFD-T is a T-tap type water flow detector for use on fire protection system, installed on a tee that has 1" to 2" NPT/BSPT socket connection. It is suitable for use with Schedule 10 through 40 steel pipe of 1" to 2", and can be installed in vertical or horizontal pipe. The detectors shall have a sensitivity in the range of 4 to 10 gallons per minute, and a service pressure up to 450psi. WFD-T will respond to water flow in the specified direction after preset time delay that is adjustable on site.



FM APPROVED

FEATURES AND SPECIFICATIONS

- Conforms to FM1042-2016 & UL346
- Two conduit opening of ½". One open; one knock-out type
- Sensitivity Range : 4 ... 10 usgpm
- Contact Rating : Two sets of SPDT (Form C)10Amps (125 / 250 VAC) / 2Amps (24 VDC)
- Enclosure Rating : NEMA 4- suitable for indoor / outdoor
- Compatible Pipe : Steel pipe, Schedule 10 through 40
- Special tamper screws to prevent disassembly
- Maximum Surge : 5.5m/s
- Time delay adjustment via rotating dial
- Two sets Micro-switch, 100% synchronization
- Working pressure : Max. 31bar / 450psi
- Working temperature : 4.5°C ... 49°C
- Available in aluminium or ABS casing

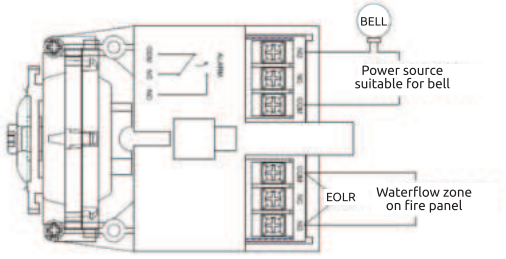


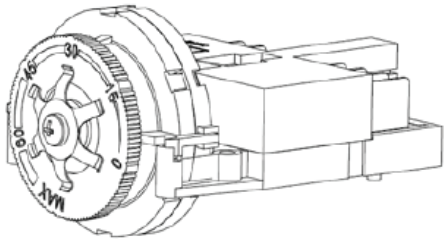
ORDERING MODEL AND DIMENSIONS

MODEL	DESCRIPTION	PIPE SIZE	W	H	D
WFD-T-1	T-Tap Type Water Flow Detector	25mm (1")	95.25	168.65	54
WFD-T-1¼	T-Tap Type Water Flow Detector	32mm (1¼")	95.25	177.3	62.5
WFD-T-1½	T-Tap Type Water Flow Detector	40mm (1½")	95.25	183.65	69
WFD-T-2	T-Tap Type Water Flow Detector	50mm (2")	95.25	196.85	82

ELECTRICAL CONNECTIONS AND TIME DELAY ADJUSTMENT

The WFD-T water flow detector have two switches, one can be used to operate a central station, proprietary or remote signaling unit, while the other contact is used to operate a local device or visual annunciator.





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

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