

Flow Test and Control Valve Assembly

FIG. F6013

Descriptions

• The F6013 Flow Test and Control Valve Assembly are compact, fully-assembled risers designed for wet pipe fire sprinkler systems in accordance with NFPA requirements. In case of fire, the flow switch creates a signal due to the flow of water in the pipe. It sends this signal to a control board or an electric bell to indicate the floor, zone, or branch of the building that is on fire. The sprinkler system can be instantly tested and drained via the orifice of its test and drain valves.

Features

The F6013 Flow Test and Control Valve Assembly consists of a flow switch, a three-way gauge valve, a pressure gauge, a check valve, and a convenient test & drain valve with adjustable relief valve.

Can be mounted horizontally or vertically.

Assembly

- Maximum Service Pressure: 300psi
- Operating Temperature Range: 0°C-49°C
- Pipe Diameter: 50, 65, 80, 100, 150, 200mm
(2", 2.5", 3", 4", 6", 8")
- End Connections: Grooved Ends

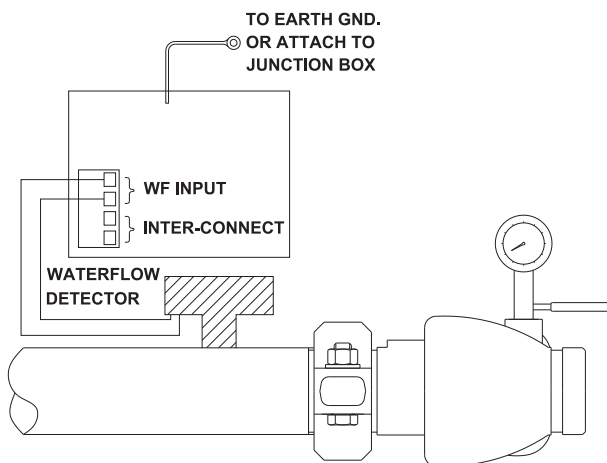
Flow Detector

- Contact Rating: 8A at 125/250VAC; 3A at 24VDC
- Flow Sensitivity Range for Signal: 15-37.8L/min
(4-10GPM)
- Conduit entrances: ϕ 22.2mm
- Operating Temperature Range: 0°C-49°C

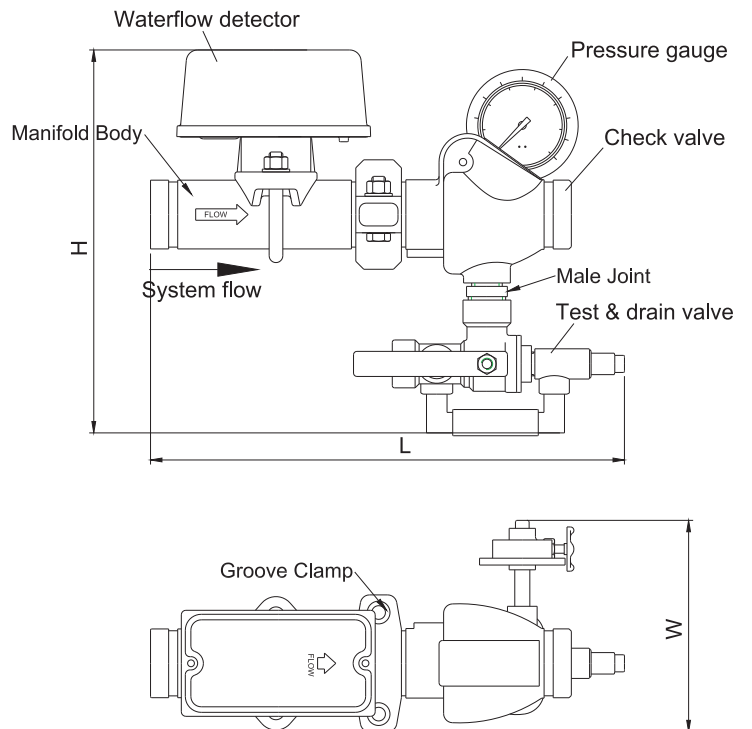
Material

- Manifold Body: Carbon Steel
- 3-way Valve: Brass
- Pipe Joint: Carbon Steel
- Groove Clamp: Ductile Iron
- Male Joint: Malleable Iron
- Test and Drain Valve: Brass

Wiring



Outline Dimensions (mm / Inch)



Size	L	H	W
2"/DN50	425/16.73	340/13.39	180/7.09
2.5"/DN65	435/17.13	365/14.37	190/7.48
3"/DN80	445/17.52	380/14.96	205/8.07
4"/DN100	470/18.50	435/17.13	240/9.45
6"/DN150	535/21.06	495/19.49	290/11.42
8"/DN200	625/24.61	545/21.46	340/13.39

Note

• Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.