Water Flow Indicator (**AWFD**)



FM APPROVED

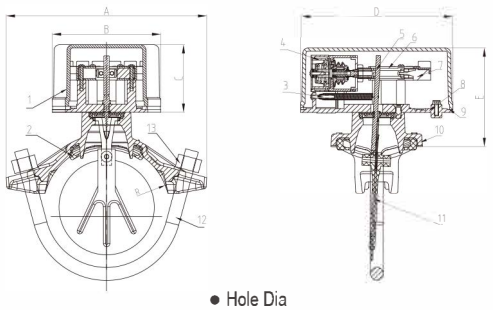
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Product Review

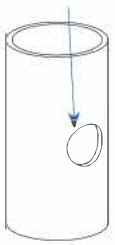
The water flow indicator with delay function (AWFD) is designed according to GB5135.7 and UL346 and FM1042.

The water flow indicator is an important part of the automatic sprinkler system, usually installed in the main pipe or branch pipe of the pipe system. When the vane detects the water flow, the water flow signal will be converted to electrical signal,and then switch on the alarm system or start the fire pump directly, at the same time, the fire zone will be indicated.

Design and Dimensions



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Product Feature

- Adjustable delay function
  Adjust with rotating switch, accurate adjustable time within 0~90 seconds, high reliability.
- Air delay device with miniature bearing
  Time consistency and reliability are assured
- Adjustable spring design
  Convenient sensitivity adjustment, easy maintenance.
- Double micro switch design
  One end can be used to operate the central control room, and the other end can be used to connect the alarm apparatus.
- Surface treatment
  Red epoxy coating, high corrosion resistance performance

Specification

Application	Fire protection system
Diameter	2"/DN50-8"/DN200
Working Pressure	2"/DN50~8"/DN200: PN25/363PSI
Flow Sensitivity Range	15-37.5L/MIN
Temperature Range	0-68℃
Fluid	Water
Contact Rating	125/250VAC 5A 24/30VDC 3A

Standard

- STANDARD FOR INSTALLATION OF SPRINKLER SYSTEM NFPA-13
- ONE-AND TWO-FAMILY DWELLINGS AND MANUFACTURED HOMES INSTALLATION OF SPRINKER SYSTEMS NFPA-13D
- STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEM IN LOW-RISE RESIDENTIAL OCCUPANCIES NFPA-13R
- NATIONAL FIRE ALARM CODE NFPA-72

Material Specifications

Part No.	Part	Material
1	Cover	ASTM B85-96 383.0E
2	Rubber Gasket	EPDM
3	Spring	SS304
4	Air Delay Device	PC GV3410R
5	Stem Sealing Gasket	SS304+NBR
6	Connecting Rod	POM 500P
7	Micro-Switch	PC GV3410R
8	Connection Plate	ASTM B85-96 383.0E
9	Connection Plate Seal	NBR
10	Saddle	ASTM A536,65-45-12
11	Vane	PTFE
12	U-Bolts	Carbon Steel Zinc Plated
13	Nuts	Carbon Steel Zinc Plated

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