





### **Vane Type Water Flow Switch**

Model: ZSJZ-YM-450

## **Technical Features**

· Size: DN50-DN200 / 2"- 8" · Working Pressure: 450PSI

· Sensitivity:

FM: 1. No-alarm flow ≤15L/min

2. Alarm flow >15L/min, ≤75L/min

UL: 1. No-alarm flow ≤15L/min

2. Alarm flow > 15L/min, ≤37.5L/min

· Capacity of Switch Contacts:

AC 125/250V 8A

DC 24V 3A

DC 30V 2.5A

· Working Temperature: 0-49°C

· Steel Pipe: SCH10-40

· 0-90 Seconds Field Replaceable Retard



#### **Technical Information**

· I. Overview

The vane type water flow switch use in wet pipe systems only. Water flow in the pipe deflects a vane, which produces a switched output usually after a specified delay.

· II. Main Components

ZSJZ series water flow indicator is mainly composed of the saddle, blade rack, bottom plate, outer cover, Air delay device, micro-switch, junction box, etc.

- The main outline drawing is shown in Figure 1 Outline Drawing.
- 2. Main dimensions of water flow indicator are shown in Table 1
- 3. Materials of the main components are shown in Table 2.

# 2 1 1 Pipe

# **Dimensions**

Model	Specification	INCH	L	Н
ZSJZ-YM-450	DN50	2"	85	188
ZSJZ-YM-450	DN65	2.5"	92	200
ZSJZ-YM-450	DN80	3"	106	220
ZSJZ-YM-450	DN100	4"	134	245
ZSJZ-YM-450	DN125	5"	162	272
ZSJZ-YM-450	DN150	6"	189.5	298
ZSJZ-YM-450	DN200	8"	240	350

Table 1

Figure 1 Outline Drawing