

# Adjustable screw SPDT paddle flow switch HVAC Air Flow Switch

## Product Specifications

### 1. Description

Air flow switches are used to control and monitor air and non aggressive gases flow in ducts, chambers, etc., of heating, cooling and air conditioning equipment.

### 2. Features

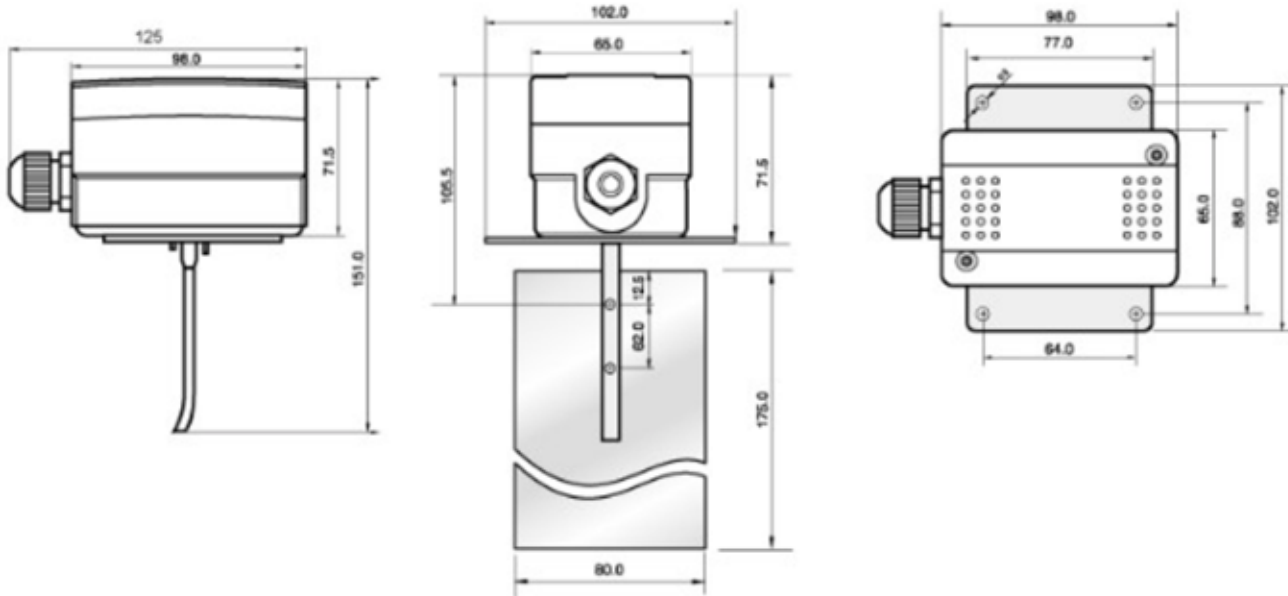
1. Renovated SPDT micro switch ensures the reliable switch function
2. Stainless steel paddle
3. Cut-in and cut-out
4. Brass level
5. IP65 housing

### 3. Specifications

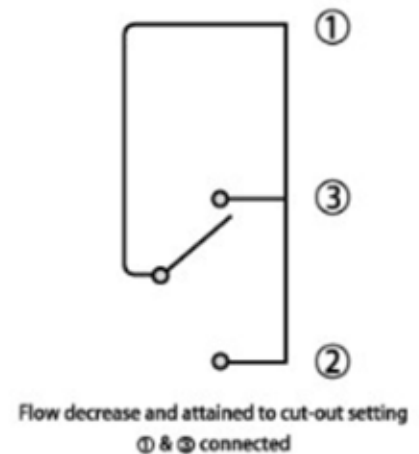
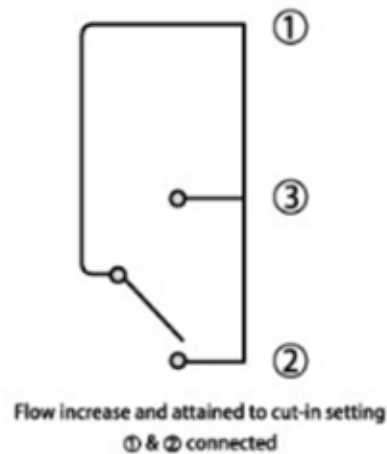
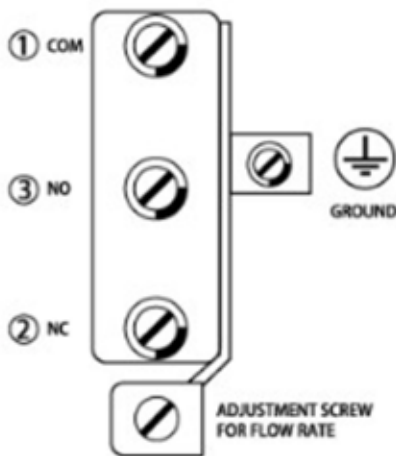


Model No.	
Type of operation	On/Off, single-stage, micro switch
Output	SPDT, 24/250 VAC, 15 (8) A
Flow rate setting adjustment	Internal screw
Sensing element	Paddle
Paddle size	3.2 x 6.9 in. (80 x 175 mm)
Paddle w/level - Length	7.9 in. (200 mm)
Flow applications	Air and non aggressive gases
Cable entry	M18 fitting
Paddle material	Stainless steel
Paddle level material	Brass
Permissible ambient temperature	Housing -40°F~185°F(-40°C~85°C)
	Paddle 14°F~185°F(-10°C~85°C)
Permissible ambient humidity	10...90%RH, non-condensing
Cable entry	M18 fitting
Housing	Material Base: Steel, galvanized Cover: ABS, fire retardant or PC
	Color White
	Protection IP65
Installation	Duct mounted
Ship weight	0.7kg

## 4. Dimensions(mm)



## 5. Wiring Diagram



## 6. Installation:

The flow switch should be mounted into a duct or chamber where the air paddle can freely point horizontally downwards. To avoid air swirl and paddle instability, straight zones should be provided for a length of 5 times the diameter of duct upstream and downstream from the installation location.