

## General

AFSPT is used for monitoring air flow in the ducts. The upper assembly including micro-switch is isolated using SS316Ti bellows or Brass Bellows assembly. In case magnetic coupling is also used. This isolation is very helpful in case of moist air or pressurized air or gasses flowing through ducts.



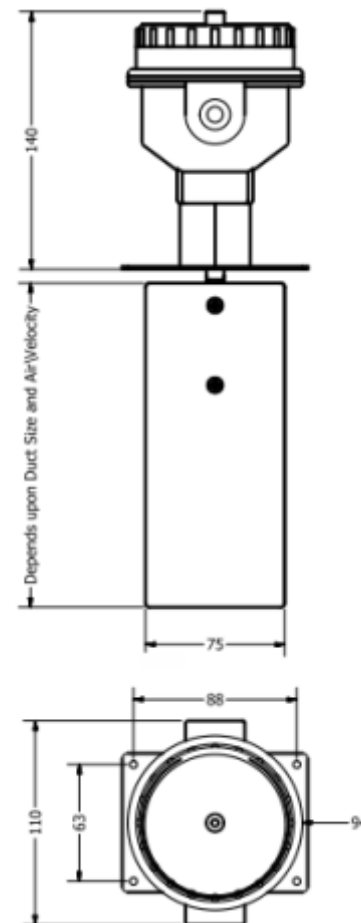
## Technical Specifications :

Max. System Pressure	: 15 Kg
Temperature Range	: -20 to 100°C
Sensor Specifications	: Microswitch with changeover contact (SPDT or DPDT)
Contact rating	: 5A 230VAC SPDT Microswitch or . 15A 250VAC Microswitch (In case of SS316L bellows only)
Sealing Type	: bellows sealed / magnetic coupled
Max. Air Velocity	: 15000 fpm

## Typical Applications

- Clean Room Filter Systems
- Duct Type Heating
- Exhaust Ventilating
- Air Supply System
- Air treatment systems

## Dimensions



## Installation Instruction

The flow switch can be installed in every position duly oriented on stream. If pipe is vertical, reset range to balance vane (paddle) weight. Put the provided gasket on the device fixing base to pipe. The flow switch is factory calibrated to the minimum switch off value. The required value can be set by turning the adjustment screw to the relative direction (for detailed description please refer the installation manual). Due to the risk of fracture at air speeds higher than 5 m/s, the vane must be cut off on the side where marked. As a result of this the minimum switch off value will increase. Steadying zones must be provided 5 times the diameter of the duct before & after the location of installation.

## Ordering Information

- AFSPT-01 : Magnetically coupled fixed flow setting
- AFSPT-02 : SS 316Ti Bellow Adjustable Flow setting

Continuous efforts for product development may necessitate changes in these details without notice

Authorised Dealer



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