

LPS - Air Flow Switch for Ducts



Benefits and Features

- Adjustable Switchpoint
- Micro Switch Rated to **15 Amps**
- Install in **Vertical or Horizontal** Ducts
- **Switching range:** 195-1575 FPM air
- **Fitting:** flange
- **Material:** brass
- **Max. pressure:** pressureless
- **Max. temperature:** 185 °F

General Description

LPS air flow switches are widely used to control flow setpoints in HVAC applications. In addition to being robust, they have the added benefit of being inexpensive as well. The principle of operation is quite simple. Air flow exerts a force on a paddle actuating a dust-tight microswitch. the switching point may be adjusted continuously within a wide range, making the LPS useful in a large variety of applications.

The instrument is factory set to switch at 195 FPM. To handle air velocities of more than 920 FPM, the paddle may be cut at a precalibrated mark. This automatically changes the factory set point to 490 FPM.

Ordering Information

Adjustable Velocity Range FPM				Order Number
Switching-off		Switching-on		
Min.	Max.	Min.	Max.	
195	1575	395	1810	LPS 1100

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↔ Dimensions

