

## LPS AIR FLOW SWITCH



Flow  
Pressure  
Level  
Temperature  
measurement  
monitoring  
control



- **Adjustable Switchpoint**
- **Micro Switch Rated to 15 Amps**
- **Install in Vertical or Horizontal Ducts**

S3



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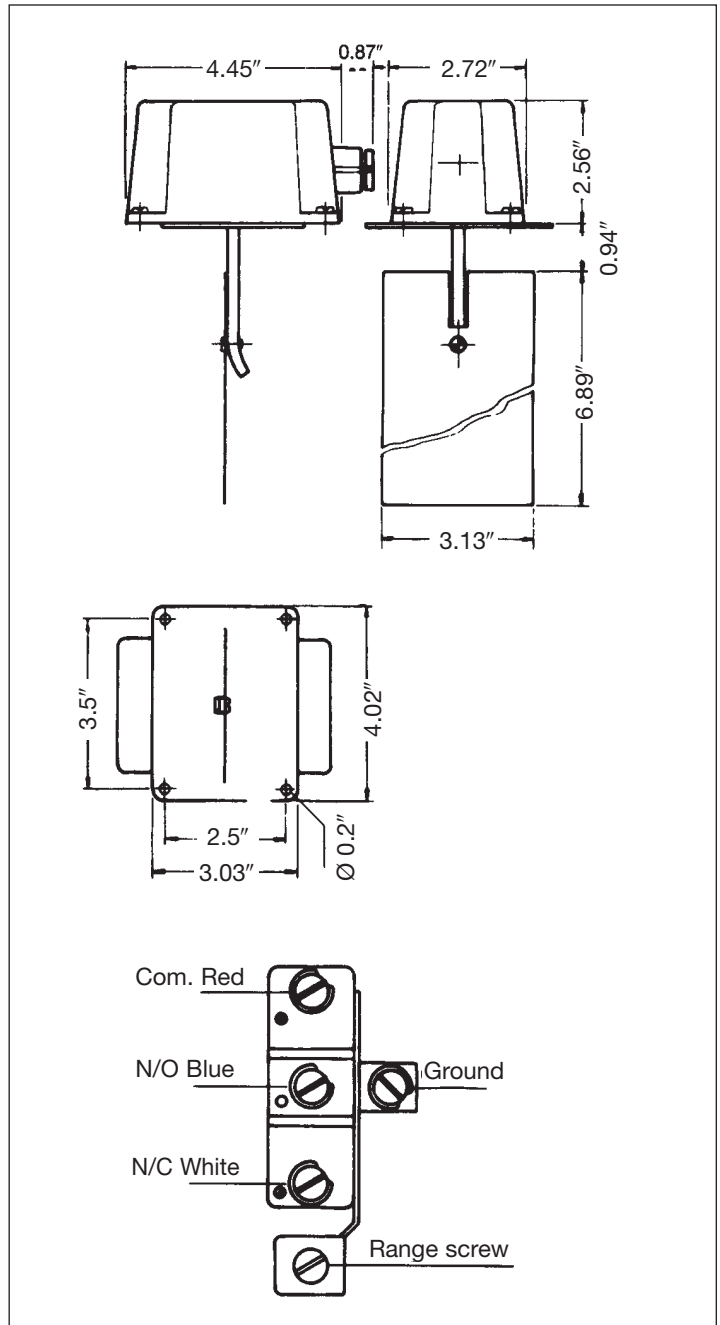
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Model:  
LPS



LPS 1100



KOBOLD 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.

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

### Specifications

- Maximum Air Temperature:** 185°F
- Mounting:** Universal. The arrow must point in flow direction. Vertical installation requires re-adjustment of the switching point to compensate for paddle weight.
- Micro Switch:** SPDT, 15A, 2000 VA, 250 VAC
- Wiring:**
  - Red-white:** opens on decreasing flow
  - Red-blue:** closes on decreasing flow
- Materials:**
  - Paddle:** 321 SS
  - Lever:** brass

Subject to change without prior notice.