

AFS/LF35 - Proof Differential Pressure Switch

The MAMCO/LEF00 AFS/LF35 is a general purpose airflow proving switch designed for HVAC. The AFS/LF35 can be used in the detection of blocked filters and fan suction, air flow monitoring in ducts, tunnels, and in many other energy management systems. It may be used to sense positive, negative or differential air pressure.

AFS/LF35 Differential Pressure Switch: Benefits & Features

- It can be configured to sense positive, negative or differential pressure
- Each side of the diaphragm accepts a .25 OD tubing
- Enclosure cover prevents accidental contact with terminal and set point adjustment screws



Model	LF35-1(AFS-222)	LF35-2(AFS-262)
Media	Air	Air
Mounting Position	Diaphragm in any vertical Plane	Diaphragm in any vertical Plane
Field Adjustable Range	0.2±0.02" H ₂ O to 12" H ₂ O	0.12±0.02" H ₂ O to 2" H ₂ O
Switch Differential	Progressive, increasing from approximately 0.02" H ₂ O at minimum set point, to approximately 0.8" H ₂ O at maximum set point.	Progressive, increasing from approximately 0.02" H ₂ O at minimum set point, to approximately 0.1" H ₂ O at maximum set point.
Maximum Pressure	12" H ₂ O	12" H ₂ O
Operating Temperature Range	-40°C to 85°C	-40°C to 85°C
Electrical Rating	300VA pilot duty at 115-277VAC, 10A, non-inductive, 277VAC	300VA pilot duty at 115-277VAC, 10A, non-inductive, 277VAC
Connections	Ferrule and nut compression type connectors that accept 0.25" OD rigid or semi-rigid tubing; male 0.25" slip-on connector	Ferrule and nut compression type connectors that accept 0.25" OD rigid or semi-rigid tubing; male 0.25" slip-on connector
Contact Arrangement	SPDT	SPDT

Conversion: 1mbar=100Pa 1" W.C.=249Pa

AFS Order Ref No:

AFS-XXXX-XX

