



Regulator Systems

MANUFACTURER OF AIR CONDITIONING CONTROLS AND INSTRUMENTATION

AFS - 222



TECHNICAL DATA

Part number	AFS-222
Setpoint	5 Pa - 3000 Pa
Differential	5 Pa at min setpoint to 200 Pa at max setpoint
Maximum pressure	3500 Pa
Switch voltage	240 vac maximum
Switch current	10 Amp resistive or 300 VA
Switch function	Single Pole, Double Throw
Temperature range	- 40°C to + 85°C
Sample connection	1/4" O.D. tubing

INSTALLATION

It is recommended that the air pressure switch be mounted with the diaphragm in the vertical plane, preferably on a vibration free surface. For proving air flow, the positive port should be connected to the supply side of the fan, if the static is low, the negative port should be piped to the fan suction as well. For detecting a blocked filter, the positive port should be connected to the upstream side and the negative port to the downstream side.

DESCRIPTION

The AFS - 222 is a general purpose differential air pressure switch that can be used to sense positive, negative or differential air pressure. It can be used to prove air flow or blocked filters. The switch is supplied with one 150mm piece 1/4" O.D. flexible tubing.

DIMENSIONS

All are dimensions in millimeters

