770-1

770 SERIES DUAL PURPOSE AIR SWITCH

Responds to Positive, Negative or Differential Air Pressure

FEATURES

- Design eliminates "fluttering" or malfunction due to shock or vibration normally encountered with "sail switches".
- · Wide operating range.
- Furnished with one 12" piece 1/4" O.D. flexible tubing, nuts and ferrules.
- Can be mounted in any position except upside down.
- · Enclosed diaphragm.

SPECIFICATIONS

Agency U.L. listed and C.S.A. approved

1/2 HP @ 125 VAC

3-1/4	1-5/16 1-7/16
→1-15/16 → 7/16	1-5/16 1-7/16
→ 3-7/8 → 7/16	

١				Electrical Ratings				
1	Model	Adjustable	Switch	Resistive (Non-Inductive)				
	Number	Operating Range	Action	120 VAC	240 VAC	277 VAC	125-277 VAC	
	770-1	0.05 to 12.0 W.C.	SPDT	15.0A	15.0A	15.0A	300 VA	
,[770-3	0.05 to 12.0 W.C.	SPDT	15.0A	15.0A	15.0A	300 VA	

AIR SWITCH APPLICATIONS

POWER HUMIDIFIERS LEGEND Switch permits unit to operate whenever N Negative Pressure D Pressure Differential there is proper air movement. P Positive Pressure Pressure Sample Line **ELECTRONIC AIR CLEANERS** PROCESS DRYING Switch permits power to cleaner whenever Switch monitors negative pressure to stop blower of system is operating. conveyor or process and provides alarm signal on fan failure. Ideal for bulk chemicals, food processing, grain drying. **NATURAL DRAFT BURNERS** REFRIGERATION EQUIPMENT Switch signals insufficient draft, provides Switch responds to pressure drop across safety limit to stop firing on lack of draft, refrigeration coils to signal alarm condition starts again on sufficient draft. or automatically initiate or terminate defrost cycle. **DUCT STRIP HEATERS** INDUCED DRAFT BURNERS Proves operation of I.D. fan by sampling Switch proves air movement across draft or air flow. Shuts off firing equipment heaters by positive pressure to prevent on fan failure. burn-out on insufficient air flow.