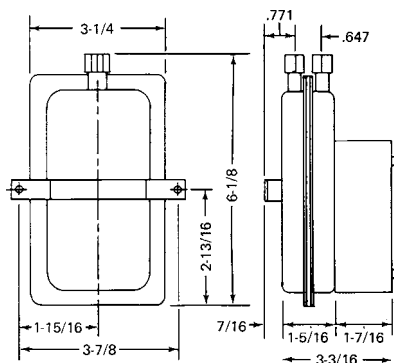


DUAL PURPOSE AIR SWITCH



770-1



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 6” piece 1/4” O.D. flexible tubing, nuts and ferrules.
- Can be mounted in any position except upside down.
- Enclosed diaphragm.

SPECIFICATIONS

Ambient Temperature	– 40 to + 180°F
Maximum Pressure	1/2 PSI
Agency	U.L. listed and C.S.A. certified

Model Number	Operating Range	Switch Action	Electrical Ratings			
			Resistive (Non-Inductive)			125-277 VAC
770-1	0.07 to 12.0 W.C.	SPDT	120 VAC	240 VAC	277 VAC	
770-3	0.07 to 12.0 W.C.	SPDT	15.0A	15.0A	15.0A	300 VA

AIR SWITCH APPLICATIONS

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