

P74 SERIES DIFFERENTIAL PRESSURE CONTROLS

Series P74 measures the pressure difference between two sources (supply and return lines). A change in pressure at either control element will reposition the switching mechanism to cause corrective action of supplementary control equipment.

Typical Applications Include:

- Pressure sensing on chillers, water cooled condensers, or heating systems for proof of flow.
- Lube oil failure cutout for refrigeration compressors (same as the P28, but does not incorporate time delay).

Features Include:

- Field proven Pennswitch with completely enclosed contact mechanism.
- Pressure differential setting easily changed without removing cover.
- Universal mounting bracket supplied.

TO ORDER: Specify Catalog Number only.

Catalog Number	Switch Action	Press. Diff Range PSI (kPa)	Pressure Connection	Electrical Ratings	Max Bellows Pressure (Momentary) PSIG (kPa)	Bellows Material	Ship wt lb.
P74AA-1	SPST Closes On Decreases In Press. Diff	8 to 70 Adjustable (55 to 483)	36 in. Cap. with 1/4 in. Flare Nut	20 Amp 120 VAC 50/60 Hz	325 (2241)	Stainless Steel	2.4 lb (1.1 kg)
P74BA-1	SPDT Opens On Decrease in Press. Diff						
P74AE-8	SPDT (Snap-Acting)	2 to 30 Adjustable (14 to 207)	36 in. Cap. with 1/4 in. Flare Nut	16 amp 120 VAC 50/60 Hz	180 (1241)	Brass	
P74FA-1	SPDT (Snap-Acting)	8 to 60 (55 to 414)	1/4 in. Male Flare	6 Amp 120 VAC 50/60 Hz	180 (1241)	Brass	
P74FA-5			1/4 in. FNPT				
P64JA-2	SPDT (Floating)		1/4 in. Male Flare	1 Amp 24 VAC 50/60 Hz			

Most commonly used P74 differential pressure switches are:

	<u>Model Number</u>
#1	P74FA-5
#2	P74EA-8
#3	P74FA-1

