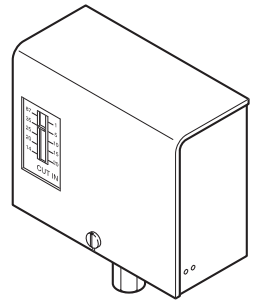
Pneumatic to Electric Pressure Switches, Two-Position

For on-off control of electrical devices such as air compressors, fans, pilot lights, etc., by the use of a predetermined air pressure signal.

Features:

- A variety of Pressure-to-Electric (P.E.) Switches permits two-position electrical switching from either modulating or two-position pneumatic signals.
- Models are available with either fixed or adjustable differentials and with several different switch actions, permitting selection of the best model for almost any required application.
- May be wall-mounted or panel-mounted where necessary to keep wiring runs short.



PC-110 shown

†PC-110 only CSA certified

Model Chart

Model No.	Wholesale Model No.	Mounting	Switch Action	Scale Range psig (kPa)		Differential psig (kPa)		Ambient Temp. Limits °F (°C)	Max. Input psig (kPa)	Dimensions in. (mm) H x W x D
PC-110	PC-110	Surface or track	SPDT makes N.O. contact to common on pressure increase	1 to 20 (7 to 138)		1 to 5 (7 to 34) adjustable factory set at 2 (14)		-40 to 150 (-40 to 118)	50 (345)	3-1/2 x 3-1/8 x 2-1/8 (89 x 79 x 54)
PC-131	PC-131	Surface	DPST opens on pressure rise	3 to 30 (21 to 207)		1-1/2 to 20 (10 to 138) adjustable		32 to 140 (0 to 78)		4-1/4 x 4 x 2-9/32 (108 x 102 x 58)
PC-132	PC-132		DPST opens on pressure drop	3 to 30 (21 to 207)		1-1/2 to 20 (10 to 138) adjustable				4-1/4 x 4-1/8 x 3-1/2 (108 x 105 x 89)
PC-151	PC-151		3 SPST opens on pressure rise	Sw.	Open	Sw.	Fixed		150 (1034)	3-1/4 x 5-3/8 x 3-1/2 (83 x 137 x 89)
				1	6 (41)	1	3 (21)			
				2 and 3	18 (124)	2 and 3	0.5 (3)			

Specifications

Case	Metal with 1/2 in. conduit opening.
Diaphragm	Non-metallic, positioned by air pressure changes to actuate switches.
Connections	
Air	1/8 in. FNPT, except PC-131 and PC-132 1/8 in. male NPT.
Electrical	Coded screw terminals.
Electrical Ratings	Refer to Electrical Ratings Table.
Location	NEMA 1.

Electrical Ratings.

Model No.	Volts (Vac)	FLA Amps	LRA Amps	Non-Ind. Amps	Pilot Duty VA
PC-110	24	—	—	16	100
	120	13.8	82.8	16	650
	208	9.6	57.6	9.6	750
	240	8.3	49.8	8.3	750
	277	—	—	7.2	—
PC-131 PC-132	120	12	72	12	125 at 120/600 Vac
	208	12	72	12	
	240	12	72	12	
	277	—	—	12	
PC-151	120	6	36	10	125 at 24/277 Vac
	208/240	3	18	8	
	277	—	—	7.2	

Accessories

Model No.	Description
For PC-110 only	
AK-52582	Bracket for track mounting.
AD-8953	Track.