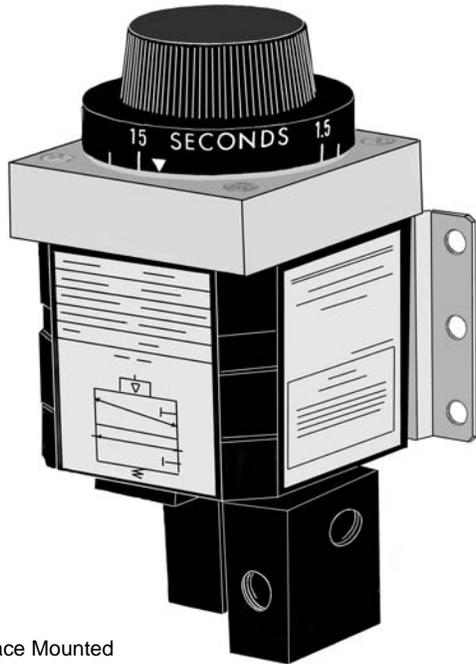


### Panel or Rear Mounted Pneumatic Timer

(Up to 60 Minutes)



Surface Mounted  
PT Timer

The PT timer is an adjustable precise time delay pneumatic device. The timer is available with an on delay (NC), or an off delay (NO) output. The timer has 1/8 inch NPT ports.

The PT series timer combines a pneumatic timing mechanism with a floating spool valve assembly to provide a wide range of adjustable time control for fluid power systems. The timing assembly, which operates independently of the control pressure, is available in nine different ranges from one tenth of a second to 60 minutes, adjustable by means of a time-calibrated dial. Timing action is initiated by a motor diaphragm operated by a control pressure of from 5 to 140 PSIG.

The timer is equipped with a multi purpose 3 way output valve allowing it to be used as normally open, normally closed or as a diverter.

The PT is designed for panel or surface mounting. Panel mounted versions include a 3 13/16 inch square bezel while surface mounted units are equipped with a bracket for vertical mounting. If required, The PT can be specially calibrated for mounting horizontally.

## Technical Specifications

### Op. Pressure

5 to 140 PSI

### Connections:

1/8" NPT ports

### Control Pressure:

5 to 140 PSI

### Media:

Filtered air or non-aggressive gas, non-lubricated.

### Output Valve:

Cv - 0.25

Flow @ 100 PSI - 9 CFM

Multi purpose 3 way spool.

### Dial Indicator:

Displays set time.

### Timing Start:

On Delay - Application of pilot pressure to control port.

Off Delay - Removal of pilot pressure to control port.

### Reset:

On Delay - Removal of pilot pressure from control port.

Off Delay - Application of pilot pressure to control port.

### Reset Time:

60 ms @ 50 PSI

### Repeatability:

Up to 200 sec. -  $\pm 5\%$ .

Over 200 sec. -  $\pm 10\%$ .

### Time Setting:

Via dial.

Accuracy  $\pm 10\%$  of full scale.

### Operation:

Timing cycle uses atmospheric pressure.

### Materials:

Zamak housing, polycarbonate knob, aluminum valve with stainless spool. Diaphragms - Buna N

### Operating Ambient:

-30°C to 70°C (-20°F to 165°F)

### Dimensions:

Height - 5 1/4"

Width - 2 1/2"

Depth - 2 1/2"

### Mounting:

Surface or panel mounted.

### Drilling Plan (panel mount):

3 3/16" dia. hole.