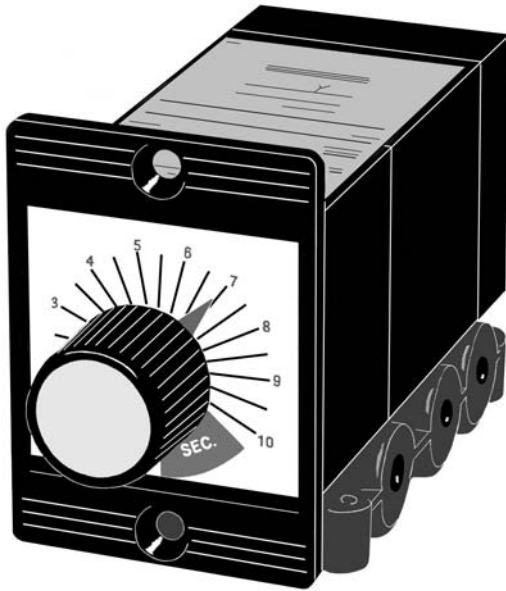


Panel or Subplate Mounted Pneumatic Timer

(Up to 3 Minutes)



Panel Mounted PMT
timer with SPA1B
subplate

The Type PMT timer is an adjustable precise time delay control device. The timer is available with an on delay (NC) output.

Timing operation is dependent upon the input of a separate control signal which starts the timing sequence by setting a vacuum within the timer. Using atmospheric pressure (independent of line pressure), the timer begins the preset timing cycle. At the end of the cycle an internal 3 way valve is switched providing an output. The timer resets automatically after removal of the control signal.

The PMT has a separate subplate enabling the unit to be supplied with 10-32 or 1/8 NPT porting. The timer can be panel mounted with a bezel, or in the rear on a sub plate.

Technical Specifications

Op. Pressure:

15 to 100 PSI

Connections:

10-32 or 1/8 NPT ports
via bottom sub plate

Control Pressure:

(A) Low Press. – 15 to 100PSI
(B) Standard – 30 to 100 PSI

Media:

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

Timing Valve:

Cv - .005
Flow @ 100 PSI -.1 CFM

Dial Indicator:

Displays set time.

Timing Start:

Application of pilot pressure
to control port.

Reset:

Automatic by removal of
pilot signal.

Reset Time:

60 ms @ 50 PSI

Repeatability:

± 3% of selected time.

Time Setting:

Via adjustment knob.
Accuracy ±10%

Operation:

Timing cycle uses
atmospheric pressure
drawn into vacuum.

Air Consumption:

.1 CFM @ 100 PSI

Materials:

Acetal and polycarbonate
enclosure. Diaphragms-
Buna N

Operating Ambient:

0°C to 65°C (32°F to 150°F)

Dimensions (inches):

(including sub plate)
Height – 2 1/16
Width – 1 1/2
Depth – 4 1/4

Mounting:

Via sub plate (2 holes) or if
Panel mounted, through a
1 1/2 " square cutout.
2 mounting holes required,
hardware included.