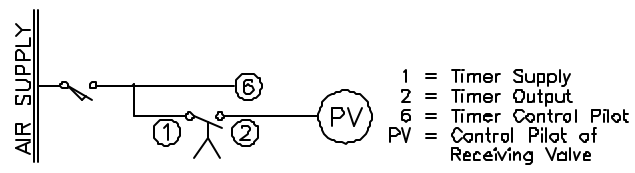


The PMT Series Pneumatic Timer is made to be used with most standard spool type (spring return-detented) valves of all leading brands of air logic. This timer has a logic output and is designed to operate the control pilot of the receiving valve. The timer is shipped as shown above with mounting screws and gasket. A subplate manifold (enables unit to be supplied with 10-32 or 1/8 NPT porting) is available but must be ordered separately.

TECHNICAL SPECIFICATIONS:

- OPERATING PRESSURE:**
15 - 100 PSI
- CONNECTIONS:**
10-32 or 1/8 NPTF ports via subplate (must be ordered separately)
- CONTROL PRESSURE:**
(A) Low Pressure 15 to 100 PSI
(B) High Pressure 30 to 100 PSI
- MEDIA:**
Filtered Air or non-aggressive gas, non-lubricated.
- TIMING VALVE:**
CV - .005
Flow at 50 PSI - .1 CFM
- TIMING START:**
Continuous application of pilot pressure to control port.
- RESET:**
Immediately resets upon removal of pilot pressure independent of whether the time interval has elapsed or not.
- RESET TIME:**
60 ms at 50 PSI

- REPEATABILITY:**
± 3%
- TIME SETTING:**
Via adjustment knob.
Accuracy ± 10%
- OPERATION:**
On-delay Time Delay upon energization, Application of air to control (pilot) port.
- AIR CONSUMPTION:**
.1 CFM at 100 PSI
- MATERIALS:**
Acetal and Polycarbonate enclosure, Diaphragms are Buna N.
- OPERATING AMBIENT:**
0°C to 56°C (32°F to 150°F)
- TYPICAL CIRCUIT:**



HOW TO ORDER:

PRODUCT SERIES
PMT=Pneumatic Minature Timer

TYPE OF OPERATION
1=On-delay
Time delay upon energization.
Immediate reset upon de-energization

TIME RANGES
D = 0.3 - 3 seconds
E = 1.0 - 10 seconds
F = 3.0 - 30 seconds
G = 6.0 - 60 seconds
H = 12 - 120 seconds
J = 18 - 180 seconds

POSITION GASKET VS BEZEL

MINIMUM PILOT PRESSURE
A = Low Pressure 15 PSIG
B = High Pressure 30 PSIG

MOUNTING STYLE
1 = Subplate Mount
2 = Panel Mount (Vertical Bezel)
3 = Panel Mount (Horizontal Bezel)

ELLIS/KUHNKE CONTROLS					
DRAWN BY	EJL	7/27/00	PANELMOUNT-HORIZONTAL BEZEL		
CHECKED			PMT SERIES TIMERS		
ISSUED			SIZE	FSCM NO.	IVG NO.
			B		
					STYLE 3
					SHEET 1 OF 2