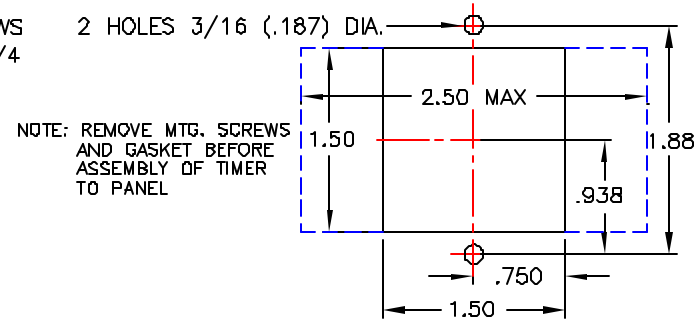


RECOMMENDED PANEL CUTOUT

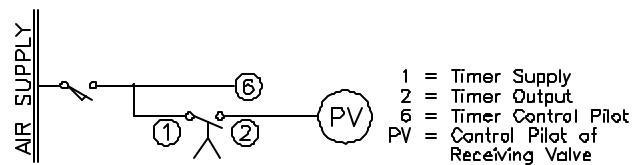


The PMT Series Pneumatic Timer is made to be used with most standard spool type (spring return-detented) valves of all leading brands of air logic. This timer has a logic output and is designed to operate the control pilot of the receiving valve. The timer is shipped as shown above with mounting screws 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:**

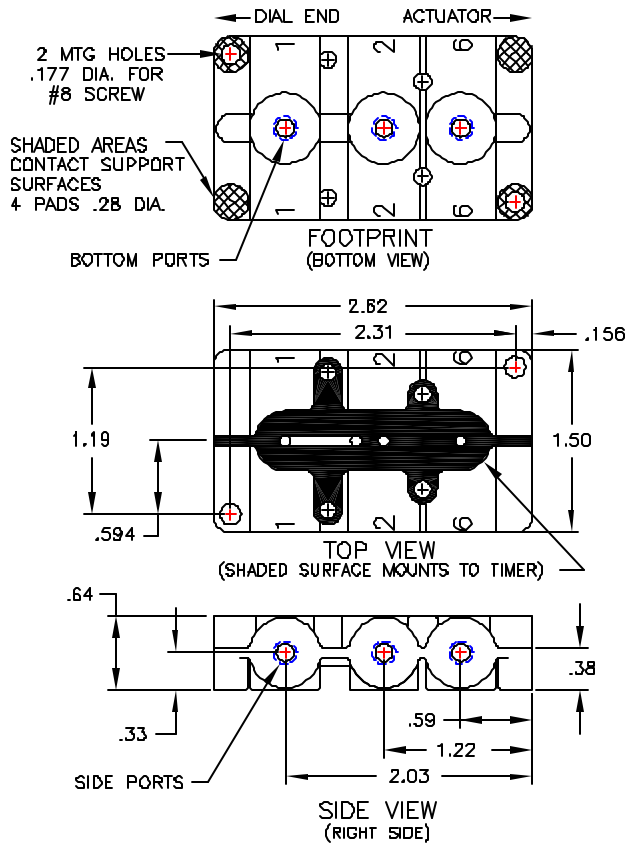


HOW TO ORDER:

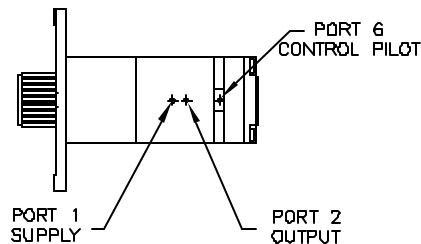
PMT	1	E	3	B	3
PRODUCT SERIES PMT=Pneumatic Minature Timer					POSITION GASKET VS BEZEL 1 4 2 3 EKC
TYPE OF OPERATION 1=On-delay Time delay upon energization. Immediate reset upon de-energization					MINIMUM PILOT PRESSURE A = Low Pressure 15 PSIG B = High Pressure 30 PSIG
TIME RANGES D = 0.3 - 3 seconds E = 1.0 - 10 seconds F = 3.0 - 30 seconds G = 6.0 - 60 seconds H = 12 - 120 seconds J = 18 - 180 seconds					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

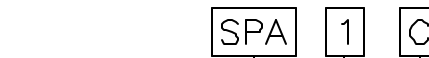
(OPTIONAL) SPA SERIES SUBPLATE-MANIFOLD



TIMER PORT LOCATIONS: (w/o Subplate or manifold)



HOW TO ORDER:

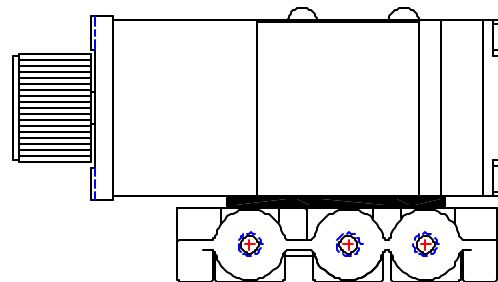


PRODUCT IDENTIFIER
 SPA = PMT Subplate
 Subplate
 Pneumatic
 Accessory

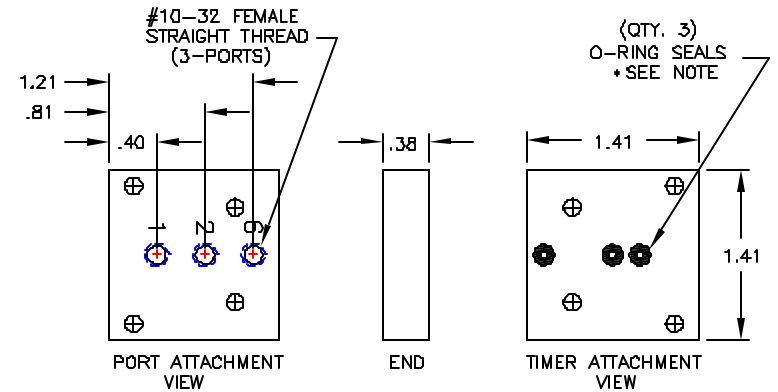
PORT TAPPING
 1 = #10-32 Female
 Straight Thread
 2 = 1/8" NPTF Female
 Pipe Thread

PORT LOCATIONS & NO. OF CONNECTIONS
 A = 3 bottom ports only
 B = 6 side ports only
 C = 6 side ports and 3 bottom ports

TIMER & SPA1C

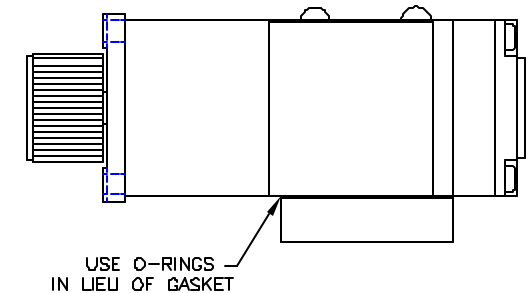


(OPTIONAL) MFD1A MANIFOLD



*NOTE: DISCARD SUBPLATE GASKET THAT IS SUPPLIED WITH TIMER WHEN USING THIS MANIFOLD. THE O-RING SEALS PROVIDED WITH MANIFOLD ARE TO BE USED IN LIEU OF THAT GASKET.

TIMER & MFD1A



ELLIS/KUHNKE CONTROLS

DRAWN BY	EJL	3/1/00	PANELMOUNT-HORIZONTAL BEZEL PMT SERIES TIMERS	
CHECKED			SIZE	B
ISSUED			FSCM NO.	
			DWG. NO.	STYLE 3
			SHEET 2 OF 2	