

PRODUCTION CONTROL WHERE IT COUNTS

4.0" / 8.0" LED Cycle Timers



4.0" 6 Digit Example

PPM Production Pacing Metronome

**SIMPLE
24VDC
LOGIC**

- 24VDC Logic / 120VAC Power
- Rugged Construction
- 4.0" / 8.0" LED Height (200'-400' view)
- Red Discrete LED
(normal indoor red priced below)
- Available in NEMA12/4/4X styles

Size/Housing Selection Chart

Model #	Description
TL-2441-906	4.0" 4 Digit RS485 NEMA12, 1 Sided
TL-2441-905	4.0" 6 Digit RS485 NEMA12, 1 Sided
TL-2481-906	8.0" 4 Digit RS485 NEMA12, 1 Sided
TL-2481-905	8.0" 6 Digit RS485 NEMA12, 1 Sided
Master Controller Required:	
AF-2450-905	Controller, RS485, NEMA12

Cabinet Dimensions

4.0" 4 DIGIT wide	26" wide by 10" tall by 5" deep
4.0" 6 DIGIT wide	33" wide by 10" tall by 5" deep
8.0" 4 DIGIT wide	30" wide by 16" tall by 5" deep
8.0" 6 DIGIT wide	42" wide by 16" tall by 5" deep

Optional high-brightness discrete LED are available for applications with high ambient lighting conditions. Please refer to Manufacturer for details.

Units available in single sided viewing standard with optional two sided viewing models. Please contact manufacturer for specific part number for a model to fit your application.

To operate the metronome / cycle timer install and wire 120VAC power to the internal screw terminas in the LED display and controller. wire your 24VDC capable switch. Wire RS485 cable between the LED display and controller. Using the keypad on the control unit, the system operator programs the takt time into the PPM and starts the PPM timing down. When the PPM reaches zero, an audible alarm sounds for 2 seconds which signals the completion of the production cycle. The PPM can be programmed to pause at zero until the system operator manually resets the system, or the PPM can be programmed to reset itself to the takt time and begin timing down again automatically. In addition to the two second production completion alarm, the PPM can optionally be programmed to sound up to two warning alarms at operator specified times.

Formats available: HH:MM:SS, HH:MM, MM:SS, MMMM, SSSS, MM.Tenths

Standard models operate using 120VAC power @ less than 1 amp.

All housing are constructed of 16 gauge painted or stainless steel for durability and long life. NEMA12 for dust resistance, NEMA4 for water resistance, and NEMA4X for stainless steel water/rust resistance. (please refer to manufacturer for pricing on NEMA4 and 4X models)

NEMA12 models offer internal screw terminal connection for customer to punch holes in 16 gauge steel housing and run conduit/wire into the cabinet to strip and screw terminate. Customer responsible for drilling holes for running power and data.

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