

# Intelligent PM4 Monitors

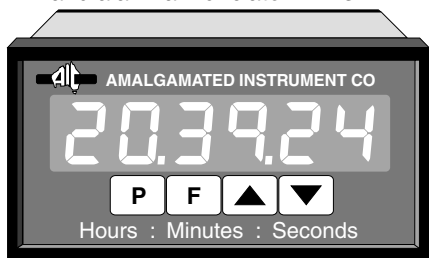
## Model PM4-TMR

### Elapsed Time and Stopwatch Functions

your choice of printed units on the front panel



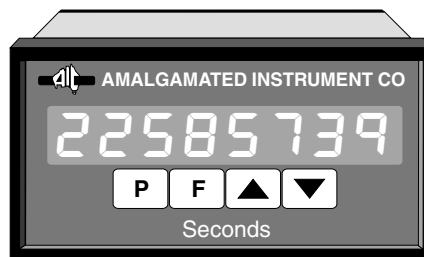
5 digit, 14.2mm LED plus keypad and alarm annunciator LEDs



6 digit, 14.2mm LED plus



4 digit, 20mm LED



8 digit, 10mm LED plus keypad

## Description

The PM4 range of microprocessor based instruments combines the latest computer technologies and is designed and manufactured to meet a wide variation in user requirements. The instruments feature flexible pushbutton calibration and programming.

The PM4-TMR is a highly visible and versatile indicator with a selection of display options. User selectable display formats are:

Seconds e.g. **2346.4**

Minutes.Seconds e.g. **23853**

Minutes e.g. **8472**

Hours.Mins e.g. **1422**

Hours.Mins.Secs - 6 & 8 digit models e.g. **0859.30**

Hours e.g. **2464**

Days e.g. **364**

Days.Hours e.g. **07.11**

The PM4-TMR accepts contact closure or control voltage inputs. The instrument may be used in stopwatch (start, stop, reset inputs) or elapsed time mode (start & reset inputs) and may be set for up or down timing.

A "scaled period" mode of operation allows the display to be scaled i.e. multiplied or divided by a factor.

An "inverse period" mode allows the display to measure inverse time quantities such as velocity. Each instrument is supplied with one control/alarm relay (standard).

An external input is configurable to perform one of various functions e.g. zero, setpoint only access or full security lockout of functions.

## Features

- Battery backed memory
- Pushbutton calibration and setup
- High (adjustable) brightness LED displays
- 240V, 110V, 32V, 24V AC, 12 to 48V DC or 50 to 110V DC operation (factory configured)
- Alarm/control relay output (5A)
- 2 year guarantee
- Remote inputs for reset and to perform special functions e.g. zero, setpoint only access or full security lockout of functions

## Options

- 2nd, 3rd or 4th relay output (5A)
- Isolated DC output to power transmitters etc.
- Optically isolated RS232/RS485 serial output with choice of ASCII or Modbus RTU protocols
- Optically isolated BCD or Binary retransmission
- Optically isolated Analog retransmission 4-20mA, 0-1V and 0-10V

Large Digit Display versions are also available with displays ranging from 38mm to 200mm digits. See separate brochures for further details.



PM4TMR-2.0-1

