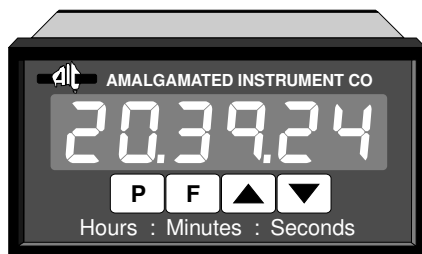


Intelligent PM4 Monitors

Model PM4-RTC

Real Time Clock Display With Alarm Setpoints



6 digit, 14.2mm LED plus keypad



4 digit, 20mm LED



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

Description

The PM4 range of microprocessor based instruments combines the latest in design and computer technology. The instruments feature flexible pushbutton calibration and programming.

The real time clock monitor, model PM4-RTC, is a highly visible and versatile indicator with a selection of display options. The clock may be set to display in 24 or 12 hour format. User selectable display formats are:

Hours.Mins e.g. **14.22**

Hours.Mins.Secs - 6 digit model e.g. **08.59.30**

Days e.g. **364**

Day.Month e.g. **07.11**

Day.Month.Year - 6 digit models e.g. **29.10.96**

Month.Day e.g. **11.07**

Month.Day.Year - 6 digit models e.g. **10.29.96**

Clock synchronisation may be via an internal clock chip, 50Hz or 60Hz mains synchronisation, optional high accuracy 10MHz crystal or optional GPS satellite transmission. The clock circuitry is backed up by battery which means that, in the case of power failure, the time does not need to be reset when power is re-applied to the display.

Each instrument is supplied with one control/alarm relay (standard). Extra relays and other outputs are available as options. The versatile alarm functions allow up to 32 day/time setpoints to be programmed e.g. a relay can be set to operate on Monday to Friday only at 08.30 and 16.30.

With serial retransmission options fitted, the PM4-RTC can be used as a master station in a master/slave clock installation. Suitable slave displays are the serial input panel meter model PM4-RS and the large digit display model LD4-RS. Separate brochures for these models are available. RS232 retransmission allows for connection of one slave display. RS485 retransmission allows for the connection of up to 32 slave displays to a single master.

Features

- Battery backed clock circuit
- Pushbutton calibration and setup
- Choice of display modes
- Easy setup - no test gear needed
- High (adjustable) brightness LED displays
- 240V, 110V, 32V, 24V AC, 12 to 48V DC or 50 to 110V DC (factory configured)
- Alarm/control relay output (240VAC, 5A) with up to 32 day/time setpoints
- Rugged construction
- 2 year guarantee

Options

- Up to 6 extra relay outputs (5A)
- 10MHz high accuracy crystal
- GPS satellite time synchronisation receiver input
- Optically isolated RS232/RS485 serial output - choice of ASCII or Modbus RTU protocols

Large Digit Display versions are also available in a wide range of display sizes from 38mm to 200mm. See separate brochures for further details. Some sizes available in yellow "flip" digits displays.



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AMALGAMATED INSTRUMENT CO PTY LTD

ACN: 001 589 439

Unit 5, 28 Leighton Place Hornsby
NSW 2077 AUSTRALIA

Telephone: +61 2 9476 2244
Facsimile: +61 2 9476 2902

e-mail: sales@aicpl.com.au
Internet: www.aicpl.com.au

