

Digital Clocks, Indicators and Process Meters



Section 4 of Main Catalogue
**MEASURING INSTRUMENTS &
 CONTROLLERS**

BIG DIGIT DISPLAYS

APM4060-220A 220VAC

Product Features:

- Programmable input range: 0-20mA and 4-20mA
- Standard DIN enclosure: size 144 x 288 x 60mm (Depth)
- Cutout: 139 x 283mm
- User programmable display range-1999 to 9999 (decimal point selectable)
- Controls available behind display lens (hidden controls prevent unauthorized adjustment) or alternatively pushbuttons on front face with lockout selector on rear of enclosure.(Standard)
- High quality tactile pushbuttons (no membrane to peel off).
- Programmable Hi and Low voltage free contacts with adjustable hysteresis
- High brightness Red or Green 57mm LED display with user variable brightness.
- LED indication of Hi and Low Alarms
- Removable plug in terminals
- 3 year guarantee
- High accuracy

Specifications:

Supply voltage	230Vac 10%
Power consumption	15W max
Accuracy, Linearity	0,05% of full scale, 1 count
Internal A-D resolution	65 000 counts
Input Impedance	100
Temperature coefficient	20 ppm/ °C typ
Conversion rate	5 per second
Settling time	1 second
Memory retention	Non volatile operation
Operating temperature range	-5°C+50°C
Alarm relay contact ratings	2A@250Vac



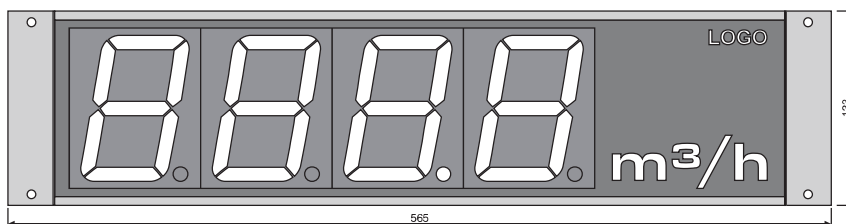
Bezel: 144x288mm

DPM3599-110A 110VAC

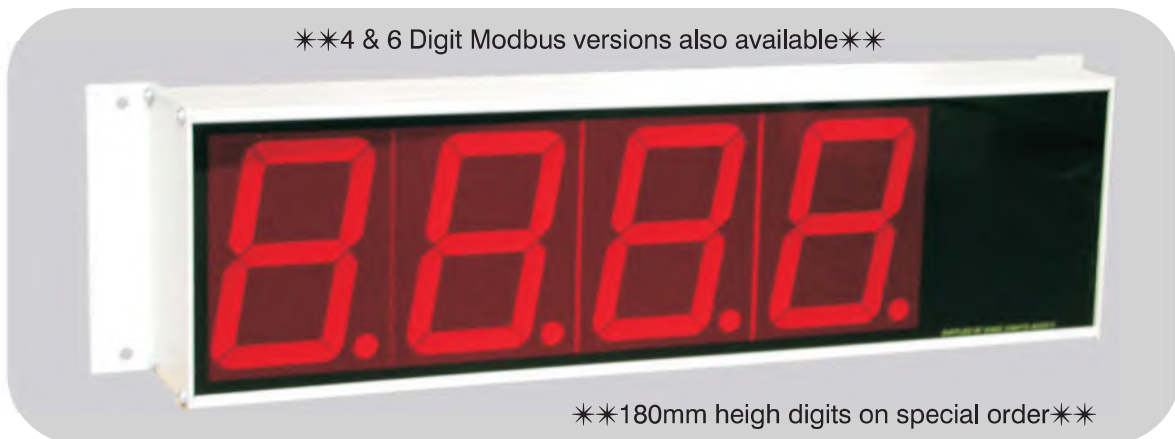
DPM3599-220A 220VAC

TOP QUALITY 3½ DIGIT INDUSTRIAL DISPLAY UNIT USING LARGE BRIGHT 100mm DIGITS

These units are for **indoor use** only, and are ideal for situations requiring a **large clear display**. The digits can be read from approx. 60m away (depending on ambient light), and models are available to operate off a variety of input signals :- **e.g. 4-20mA, 0-10V, B.C.D etc...**



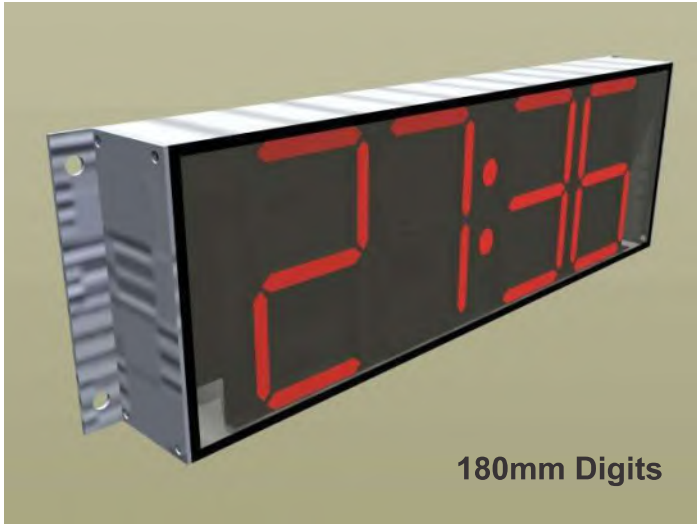
4 & 6 Digit Modbus versions also available



180mm heigh digits on special order

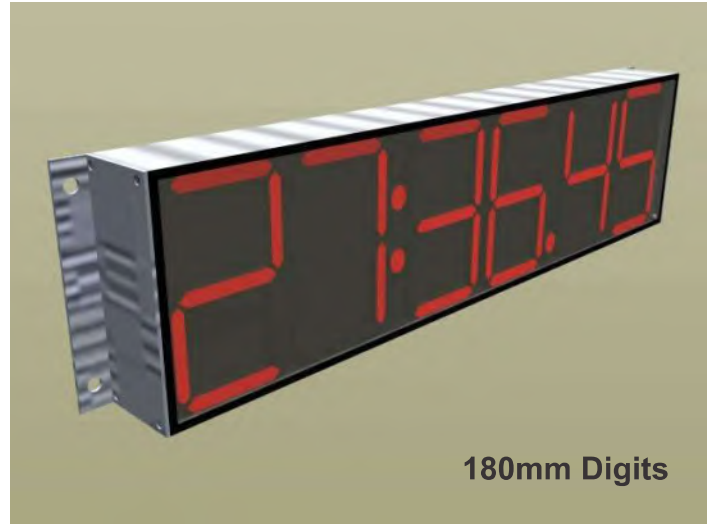
Also available as 24hour clocks, counters or Elapsed time indicators

BIG DIGIT CLOCKS & COUNTERS



180mm Digits

4 Digit Size: 195mm (H) x 565mm (W) x 74mm (D)



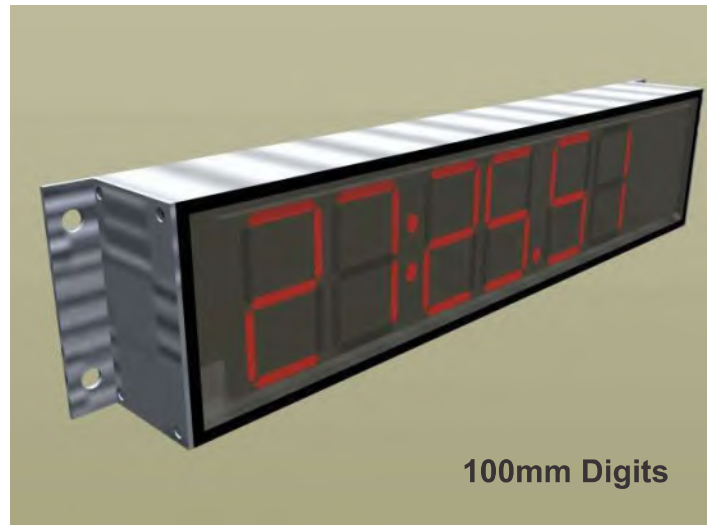
180mm Digits

6 Digit Size: 195mm (H) x 760mm (W) x 78mm (D)



100mm Digits

4 Digit Size: 130mm (H) x 465mm (W) x 74mm (D)



100mm Digits

6 Digit Size: 130mm (H) x 565mm (W) x 78mm (D)

SPECIFICATIONS

100mm & 180mm High Digit Options

WDCLK4100 (4-Digit Clock)

WDCLK6100 (6-Digit Clock)

WDCNT4100 (4-Digit Counter)

WDCNT6100 (6-Digit Counter)

WDTIM4100 (4-Digit Timer)

WDTIM6100 (6-Digit Timer)

GENERAL PRODUCT DESCRIPTION:

This range of clocks/counters have been designed specifically for the industrial market for time and counter applications. These modules can be supplied with six digits up to 180mm high and with count/time backup on power failure. All inputs are isolated via opto-couplers giving the units flexibility with regards to the input voltage.

All the units are fitted in a rugged powder coated aluminium enclosure with wall mounting brackets on the sides. All the displays are constructed from red high brightness seven segment LED displays giving excellent visibility over large viewing area. The battery back-up function keeps the last-count or the time and blanks the display until the main supply is restored and then continues to function normally.

Re-adjusting the time or count therefore is not required after a power failure. The clocks have been upgraded with a high stability temperature compensated crystal oscillator to give an accuracy of 1 min per year from 0°C to 40°C.

PRODUCTS CURRENTLY AVAILABLE:

- Elapsed time counters (Stop, start & count)
- Up/down counters
- 24 hour clocks

DIGITAL CLOCK (PANEL MOUNT) 38mm LED DIGITS

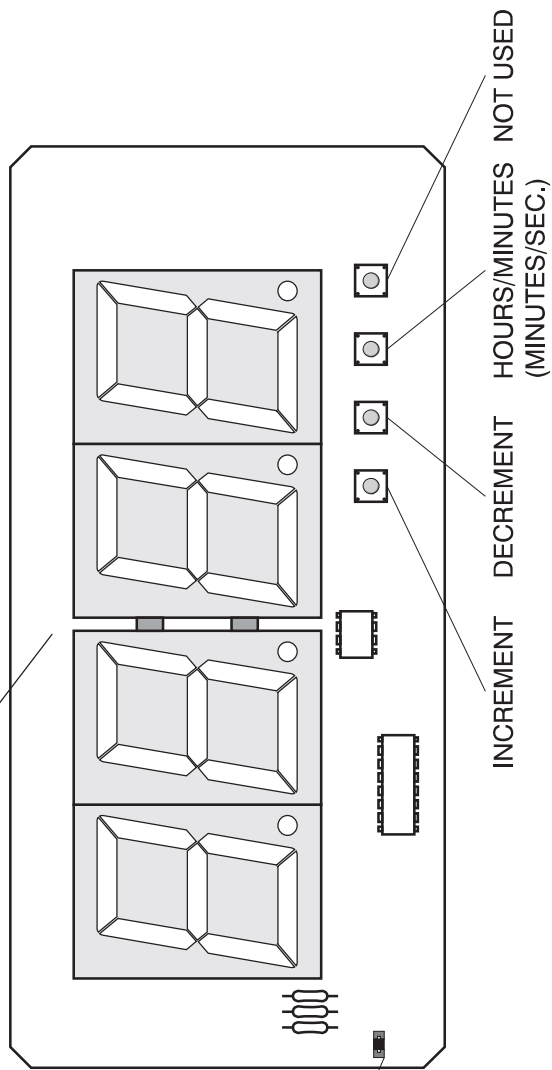
- 1) 12 or 24 hour format
- 2) Hours and minutes switchable to minutes and seconds for special Functions.
- 3) Also available as elapsed time indicator.
- 4) Good accuracy, mains version counts frequency and 24V dc has high accuracy oscillator.
- 5) Battery backup in case of mains failure (display blank but time is kept).
- 6) Optional setting buttons (front or via connectors on rear).



VERSIONS AVAILABLE:
24V DC OR 230V AC

BATTERY LINK
CLOCK IS SHIPPED WITH
BATTERY DISCONNECTED.
(THIS NEEDS TO BE RESTORED
BEFORE OPERATION)

VIEW BEHIND LENS



JOHANNESBURG



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