

## **DUAL COUNTER SCALAR TIMER**

**PTS562**

### SALIENT FEATURES

- Micro-Controller Based State of Art Counter Timer
- Modes – Counting for Preset Time, CPS & CPM
- Dot-matrix LCD Display for Counts, Elapsed Time And Preset Time
- Store / Recall Facility for 1000 Readings
- Built-in Parallel Port For Direct Data Printing
- Built-in Serial Port For PC Communication
- Counts two inputs simultaneously

### TECHNICAL SPECIFICATIONS

<b>Nos. of Counting Channel</b>	: Two
<b>Input Frequency</b>	: 1MHz. (Max.)
<b>Input</b>	: Positive 100mV to 10V Gaussian or Semigaussian or TTL pulse 0.5 $\mu$ sec width minimum
<b>Resolution</b>	: Pulse pair resolution of 1 $\mu$ sec
<b>Input Discriminator</b>	: Adjustable from 0.1V to 10V (for each channel independently) with internally mounted preset
<b>Counts Capacity</b>	: 999999 counts/channel
<b>Preset Time</b>	: 1sec to 9999 sec
<b>Gate Output</b>	: Positive TTL output
<b>Input Impedence</b>	: 1.0 K $\Omega$ max.
<b>Display</b>	: 16 x 2 dot-matrix LCD display. (as available)
<b>Mode Selection</b>	: Acquisition mode, Iterative mode, (CPS, CPM or Normal counting)
<b>User Interface</b>	: <b>Control Buttons</b> : START/STOP, RESET, STORE, UP, DOWN, LEFT, RIGHT & ENTER <b>Note</b> : Store , Print and Recall are menu driven
<b>Command and Mode</b>	: By Keyboard or through PC
<b>Data Storage &amp; Recall</b>	: Last 1000 Readings
<b>Serial Port</b>	: RS 232 Port for downloading of data readings into PC
<b>Power</b>	: 230V AC $\pm$ 10% 50Hz <b>Option</b> : +12 V @ 100 mA, -12 V @ 5 mA
<b>Module</b>	: 2 width module
<b>Connector</b>	: 24 Pin amphenol(or equiv.) standard connector for EC standard BIN

### NOTE

This module is also available with 42 pin connector & suitable for international NIM BIN.

### OPTIONAL FACILITIES AT AN EXTRA COST

- a) **Parallel Port (SPP Centronics)** : Built-in for printing of data Reading along with Sr. No. and label
- b) **Built-in Software** : Software to give commands from PC

Cat. No. PTS-562/0903

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