

SINGLE COUNTER SCALAR TIMER

PTS561

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

TECHNICAL SPECIFICATIONS

Nos. of Counting Channel	: One
Input Frequency	: 1MHz. (Max.)
Input	: Positive 100mV to 10V Gaussian or Semigaussian or TTL pulse 0.5 μ sec width minimum
Resolution	: Pulse pair resolution of 1 μ sec
Input Discriminator	: Adjustable from 0.1V to 10V (for each channel independently) with internally mounted preset
Counts Capacity	: 999999 counts/channel
Preset Time	: 1sec to 9999 sec
Gate Output	: Positive TTL output
Input Impedence	: 1.0 K Ω max.
Display	: 12 x 2 or 16 x 2 dot-matrix LCD display. (as available)
Mode Selection	: Acquisition mode, Iterative mode, (CPS, CPM or Normal counting)
User Interface	: Control Buttons : START/STOP, RESET, STORE, UP, DOWN, LEFT, RIGHT & ENTER Note : Store , Print and Recall are menu driven
Command and Mode	: By Keyboard or through PC
Data Storage & Recall	: Last 1000 Readings
Serial Port	: RS 232 Port for downloading of data readings into PC
Power	: 230V AC \pm 10% 50Hz Option : +12 V @ 100 mA, -12 V @ 5 mA
Module	: 2 width module
Connector	: 24 Pin amphenol(or equiv.) standard connector for EC std. 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. PTS561/0903

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