

PROGRAMMABLE COUNTER - MODEL 2500



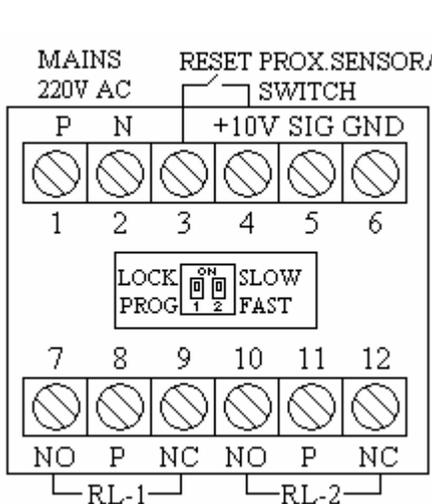
Features

- 6 Digit Preset Counter
- Dual Limits settable with dual relay output
- Programmable Multiplying and dividing factor
- Pre-settable Batch Counter
- Cumulative 6 Digit Counter
- Up/Down Counting Selectable
- Normal/Auto-Reset with Time setting
- Non-Volatile memory to hold settings and counts
- Program configuration lock at rear
- External Setting for Slow/Fast for noiseless operation

Specifications

- Display : 6 Digit, 7 segment LED display (0.3" height)
- Range : Selectable least count of 0.001, 0.01, 0.1, 1. Maximum Count of 999999
- Set Points : Two set points each programmable from 0.001 to 999999
- Batch Limit : Batch limit setting from 0 to 999
- Operating Modes : a. Auto Mode b. Manual Mode c. No limit Mode (Event Counter)
- Count Inputs : a. Voltage Pulse : 3V to 30V DC amplitude from proximity switch
b. Potential free contact from limit switch, relay or micro switch
- Input Frequency : a. 0 to 30 Hz b. 0 to 1 KHz
- Sensor Supply : 10V DC, short circuit protected
- Multiplying Factor: Programmable from 0.001 to 999.999
- Division Factor : Programmable from 001 to 999
- Reset Input : a. Front Panel b. Remote reset
- Relay Outputs : Two relays, one for each set point; 1 C/O (SPDT) rated at 5Amp @ 230 V AC
- Memory Retention: 10 years
- Configuration Lock: Via rear DIP-Switch to avoid changes in configured parameters by mistake
- Mounting : Panel Mounting
- Size : 72mm x 72mm
- Weight : Approx. 375 gms.
- Operating Temp. : 0-50°C
- Humidity : 95% RH

Terminal Connection and Description



Pin

1. Live } 220V AC
 2. Neutral } MAINS
 3. Reset Input
 4. Common Supply (10V) for Reset and Proximity Sensor
 5. Count Input
 6. Ground (Negative Supply for sensor)
 7. Normally Open Contact for Relay 1
 8. Pole of Relay 1
 9. Normally Close Contact for Relay 1
 10. Normally Open Contact for Relay 2
 11. Pole of Relay 2
 12. Normally Close Contact for Relay 2
- LOCK/PROG : Shifting rear DIP-Switch for Configuration Lock
 SLOW/FAST : Shifting rear DIP-Switch for slow/fast count selection