DIGITAL READOUT FOR ROTARY ENCODERS   MODEL CT800

Features

- 6 digit bright 7 segment Red LED display for count display
- Scale factor user settable from 0.00001 to 9.99999
- 6 digit Preset value user settable
- Pulse multiplication technique used for counting improves resolution 4 times.
- Solid state memory to save user settings and count on power failure
- Program Lock to prevent tampering with settings
- Aesthetically designed front panel with touch type membrane keys
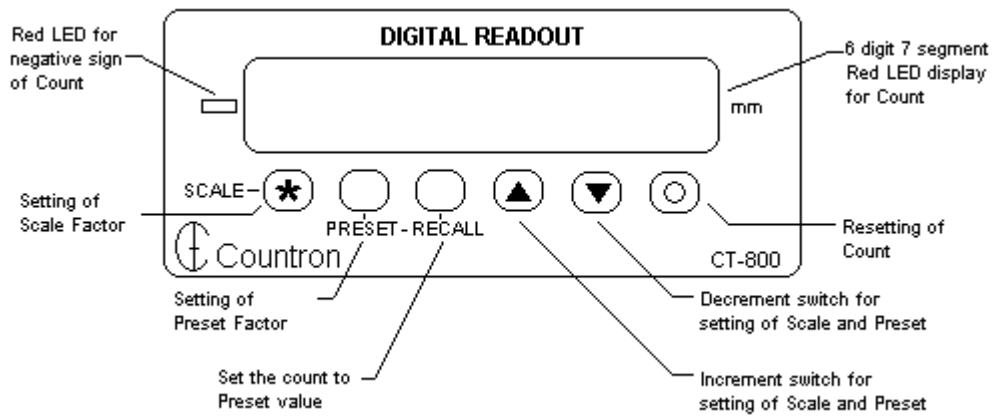- Housed in plastic ABS cabinet

Specifications

- Display   :6 digit 7 segment Red LED display for count display
                      Red LED to indicate negative sign
- Input Signal   :+5V pulses from Channel A and Channel B of rotary/linear encoder
- Encoder Supply   : 12V DC
- Scale Factor   : User settable from 0.00001 to 9.99999
- Count per Rev.   : (Pulses/Rev from encoder) x 4 x Scale Factor
- Preset Value   : User settable from -999999 to 999999
- Count Range   : -999999 to +999999
- Memory   :EEPROM to save settings and current count on power failure
- Program Lock   : By rear jumper (open to lock) to prevent changes in
    o Scale factor
    o Preset value
    o Disables Resetting of Count (Zero)
    o Disables Presetting of Count to preset value
- Size   : 48mm x 96mm
- Depth   :180mm
- Supply   : 220V AC ± 15%
- Ambient   : 0-55˚C
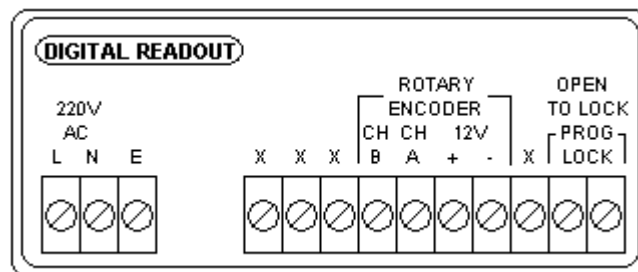- Humidity   : Up to 90% (non-condensing)

Manufactured By:

COUNTRONICS

FRONT PANEL INDICATIONS

REAR TERMINAL CONNECTIONS

- **L,N and E:** Line and Neutral terminals to connect 220V AC mains. Earth terminal is connected to mains Earth
- **CH B and CH A:** Connect the signals A and B from digital encoder giving +5V pulses
- **12V (+ & -)**: 12V supply for digital encoder
- **Prog Lock Terminals:** After settings have been made, remove jumper to prevent changes in Scale, Preset and Count from front panel

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