



48x96

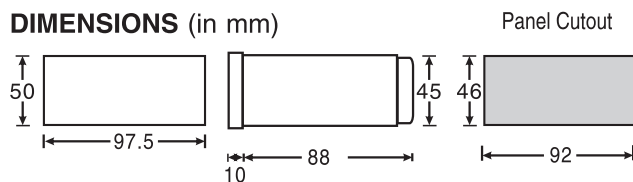
**FEATURES :**

- 6 digit counter/totaliser, 4 digit autoranging RPM indicator.
- Programmable Scale factor facilitates direct reading in engineering units (RPM, meters / minute etc.).
- Selectable totaliser least count of 0.01, 0.1 or 1.
- Front panel selection between count and rate display.
- Accepts input directly from proximity switches, encoders and potential free contacts.
- Configuration lock to avoid inadvertent change in configured parameters.
- Memory Retention.

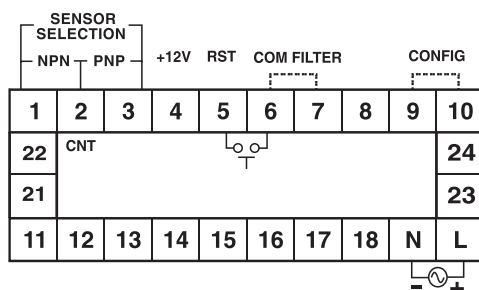
**PRODUCT CODE**

MODEL	BEZEL SIZE (mm)
RC102	48 x 96

**DIMENSIONS (in mm)**



**TERMINAL CONNECTIONS \***



\* Terminal diagram for the new version. Refer operating instructions for actual connections.

**SPECIFICATIONS**

**DISPLAY** Type : 7 segment LED; Height : 0.5"  
 Counter mode : 6 digits.  
 Rate mode : 4 digits.  
 The mode is user selectable from the front panel keypad.

**SUPPLY VOLTAGE** 85 to 270 VAC (AC: 50 or 60Hz).

**SCALE FACTOR** Programmable from 0.00001 to 9.99999 x 10<sup>n</sup>  
 n = -3, -2, -1, 0, 1, 2.

**RANGE** Counter: 9999.99, 99999.9 & 999999 (user selectable).  
 Rate : Auto ranging. (4.00 to 9999 RPM)

**COUNTING DIRECTION** Up.

**MEMORY RETENTION** Current count value : 1year.  
 Parameter settings : 10 years.

**ACCURACY** Rate: 0.05 % ±2 counts.

**INPUTS** a) 3-30 VDC from Proximity switches, Encoders, solid state devices.  
 b) Mechanical switches, Potential free contacts.

**INPUT SPEED** a) 0 to 30 Hz b) 0 to 2.5kHz.

**RESET** a) On front panel.  
 b) Via terminals at the rear.

**CONFIGURATION LOCK** Via rear terminals.

**SENSOR SUPPLY** 12 VDC(±10%), 30 mA.

**TEMPERATURE** Operating: 0 to 50°C.  
 Storage: 0 to 50°C.

**HUMIDITY** 95% RH.

**WEIGHT** 257 grams.