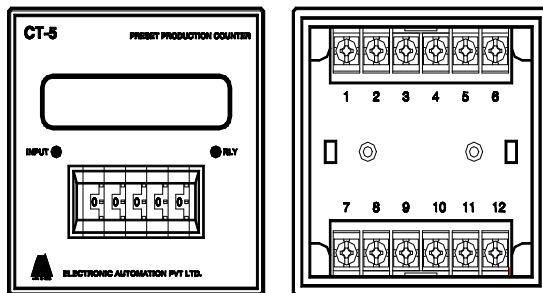
	OPERATING INSTRUCTIONS	OPI No: OPI/020
	Model : CT5	PAGE : 01 of 01
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Front panel layout: Rear terminal Layout: Terminal Details:



- 1 & 2 : Source
- 3,4 : Hold mode, if shorted
Restart mode, if open
- 4,5 : External reset
- 4,6 : Short NPN/Limit switch
Open PNP
- 7,8 : Normally open
- 8,9 : Normally closed
- 10,11,12 : Sensor input

Sensor input

PNP or NPN

- 10 : Output
- 11 : Ground
- 12 : + 12 V

For Limit: Potential free pulse between
Switch 10 & 11

CT5 is a 5 digit preset counter designed for switching on an output relay after the set count is reached. It has memory facility to hold the counts during power failure.

Special Features:

Hold / Restart: By externally shorting (potential free) terminals 3 and 4, the data is retained in case of power failure. By keeping these terminals open, the counter restarts from the beginning in case of power failure.

External Reset: Potential free shorting pulse across terminals 4 and 5, resets the counter to zero during an ongoing cycle or at the end of the cycle. In addition, there is a reset button on the front panel also.

How to operate the counter:

By using the thumb-wheel switches provided on the front panel, preset the desired counts (1 to 99,999). Connect a 3 wire proximity switch to sensor input terminals (Refer terminal details). Use suitable mounting arrangement for the sensor depending on your application. The sensing is NPN/PNP 12 V type/Limit Switch (potential free).

Potential free pulse input can also be connected between terminals 10 and 11.

Connect power to terminals 1 and 2. The digital display shows "0 " in all the 5 digits and as the input signal is received, the unit starts counting up. When the preset count is reached, the output relay changes over and remains till power interruption or external reset.