



Appreciating Quality Automation

We at "DOLPHIN AUTOMATION" thank you for the purchase of this product and we assure you for our best services.....always!

## THUMBWHEEL COUNTER

**Model No:- C-K4TW**

### **SPECIFICATIONS**

COUNTING RANGE	:	1-9999
SET POINT RANGE	:	1-9999
RESET TIME RANGE	:	0.0-999.9 SEC.
RESET	:	Both front & Remote Reset
OUT PUT	:	05 A @ 230 VAC
	:	SPDT RELAY
POWER	:	AC 220 V+/- 10% @ 50Hz
	:	24 VAC /DC modes-on Request
OPERATING TEMP	:	0-50 deg C
HOUSING	:	ABS Plastic

### **PROGRAMMING / OPERATING INSTRUCTIONS**

- 1- Press RESET KEY for 5-10 sec. to enter AUTO RESET TIME value .  
(Use THUMBWHEEL KEY to set the TIME)(Range 0.0-999.9 seconds)(Set 0.0 to disable this mode)
- 2- For every time after changing the value Power OFF & ON the device to store the value.

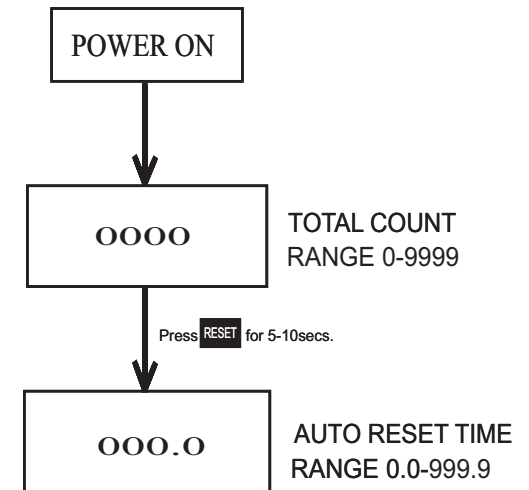
### **DIP SWITCH SETTINGS.**

Switch nos.

1. AUTO RESET TIME, when the switch is in OFF condition AUTO RESET TIME function will work and in ON condition AUTO RESET TIME function will not work.
2. ON DELAY/OFF DELAY when the switch is OFF relay will be in OFF condition firstly and when the switch is in ON condition relay will be in ON condition firstly.
3. OVER RUN, when the switch is in OFF condition the count will be STOP according to the SET POINT and relay will be OFF/ON when the switch is in ON condition the counting will be continue after the SET POINT is achieved.
4. MEMORY ON/MEMORY OFF, when the switch is in OFF condition the COUNT on the display will be continue even the device RESTARTED when the switch is in ON condition the COUNT on the display when the device RESTARTED.

**NOTE:-** By changing each of the above parameters please RESTART(OFF/ON) THE DEVICE.

## **PROGRAMMING THE COUNTER**





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## THUMBWHEEL COUNTER

**Model No:- C-K6TW**

### **SPECIFICATIONS**

COUNTING RANGE	:	1-999999
SET POINT RANGE	:	1-999999
RESET TIME RANGE	:	0.0-99999.9 SEC.
RESET	:	Both front & Remote Reset
OUT PUT	:	05 A @ 230 VAC
	:	SPDT RELAY
POWER	:	AC 220 V+/- 10% @ 50Hz
	:	24 VAC /DC modes-on Request
OPERATING TEMP	:	0-50 deg C
HOUSING	:	ABS Plastic

### **PROGRAMMING / OPERATING INSTRUCTIONS**

- 1- Press RESET KEY for 5-10 sec. to enter AUTO RESET TIME value .  
(Use THUMBWHEEL KEY to set the TIME)(Range 0.0-99999.9 seconds)(Set 0.0 to disable this mode)
- 2- For every time after changing the value Power OFF & ON the device to store the value.

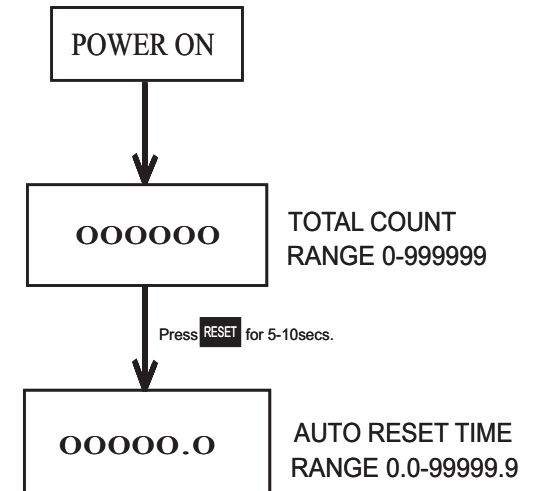
### **DIP SWITCH SETTINGS.**

Switch nos.

1. AUTO RESET TIME, when the switch is in OFF condition AUTO RESET TIME function will work and in ON condition AUTO RESET TIME function will not work.
2. ON DELAY/OFF DELAY when the switch is OFF relay will be in OFF condition firstly and when the switch is in ON condition relay will be in ON condition firstly.
3. OVER RUN, when the switch is in OFF condition the count will be STOP according to the SET POINT and relay will be OFF/ON when the switch is in ON condition the counting will be continue after the SET POINT is achieved.
4. MEMORY ON/MEMORY OFF, when the switch is in OFF condition the COUNT on the display will be continue even the device RESTARTED when the switch is in ON condition the COUNT on the display when the device RESTARTED.

**NOTE:-** By changing each of the above parameters please RESTART(OFF/ON) THE DEVICE.

## **PROGRAMMING THE COUNTER**



# PROGRAMMABLE COUNTER

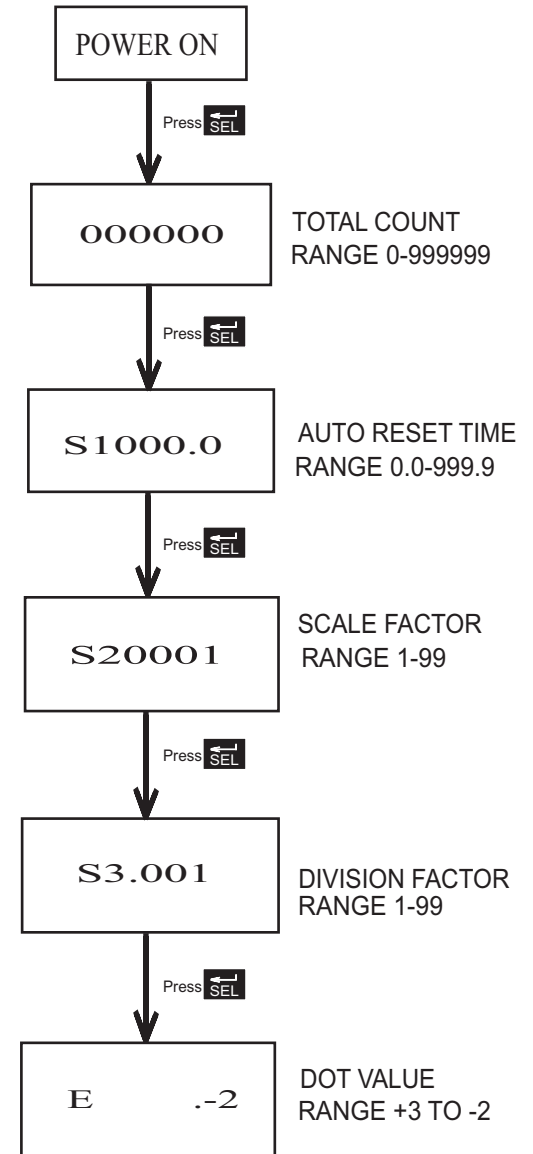
## SPECIFICATIONS

COUNTING RANGE	:	1-999999
SET POINT RANGE	:	1-999999
RESET TIME RANGE	:	0.0-999.9 SEC.
SCALE FACTOR	:	1-9999
DECIMAL POINT	:	Shiftable upto 3 digit
RESET	:	Both front & Remote Reset
OUT PUT	:	05 A @ 230 VAC
	:	SPDT RELAY
POWER	:	AC 220 V+/- 10% @ 50Hz
	:	24 VAC /DC modes-on Request
OPERATING TEMP	:	0-50 deg C
HOUSING	:	ABS Plastic
MENSTIONS	:	72x72x115 mm

## PROGRAMMING / OPERATING INSTRUCTIONS

- 1- To view TOTAL COUNT press SELECT KEY once.  
(Always display in blinking mode)(Range 0.999999)
- 2- Press SELECT KEY twice times to enter AUTO RESET FECTOR value (S1).  
(Use UP/DOWN KEY to change)(Range 0.0-999.9 seconds)(Set 0.0 to disable this mode)
- 3- Press SELECT KEY three times to enter SCALE FACTOR value (S2)  
(Use UP/DOWN key to change)(Range 1-99)(Set 1 for normal counting)
- 4- Press SELECT KEY four times to enter DIVISION FACTOR values (S3).  
(Use UP/DOWN KEY to change)(Range 1-99)(Set 1 for normal counting)
- 5- Press SELECT KEY four times to enter DOT value (E).  
(Use UP/DOWN key to change)(Range +3- -2)
- 6- For 2-5 every time after changing the value press SELECT KEY continuously to Store the new value. (For direct digit change use SELECT KEY to SELECT DIGIT after pressing UP/DOWN KEY once.
- 7- Press RESET KEY to reset count value.  
(Total count can be reset after selecting Total Count mode)

## PROGRAMMING THE COUNTER



**NOTE:-** By changing each of the above parameters please store it by pressing SEL key 5 secs. continuously.