CG Series Digital Counter Manual

Features:

- ⊙ Dual line 6 digit High-lighting LED display
- ⊙ Several optional panel size:48x48, 48x96, 72x72
- ⊙ Single input counting, single relay output
- ⊙ Manual reset, automatic reset, key lock and power failure memory function
- ⊙ Settable counting coefficient, NPN or PNP input selectable
- ⊙ Widely applied to wood processing,food machinery , packing machinery , steel processing industries , etc.

I. Model Illustration

CG □ — □ □ □ 0 W C

- C:Product Version
- W:Design Code
- 0: Without Communication Port
- 6: 6 digit counting
- B: one alarm output
- R: Relay output
- 4:48W×48H(mm)
- 7:72W×72H(mm)
- 8:96W×48H(mm)
- CG Series Digital Counter

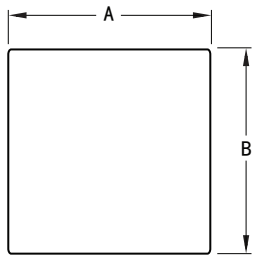
Model	Size(mm)	Count Digit	Alarm Output	Power Supply
CG4-RB60W	48W×48H×71L	6 Digit	one high limit alarm	AC/DC 100~240V
CG7-RB60W	72W×72H×71L	6 Digit	one high limit alarm	AC/DC 100~240V
CG8-RB60W	96W×48H×71L	6 Digit	one high limit alarm	AC/DC 100~240V

II. Technical Parameters

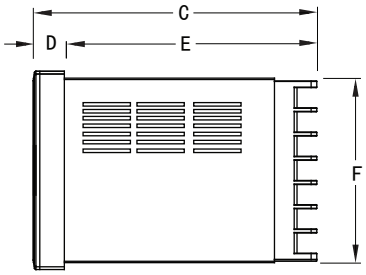
Power Supply	AC/DC 100~240V
Total Power Consumption	≤4W
Relay Capacity	AC 250V/3A
Output Power	DC 24V±2V (≤50mA)
Insulation Resistance	≥200MΩ
Insulation Strength	AC 2KV/1m
Counting Input Speed	≤1/30/300/1000Hz (set by menu)
Counting Range	0.001 ~ 999999
Delay Time	0.01 ~ 600.00s
Coefficient Setting Range	0.001 ~ 99.999
External Reset Signal	External reset frequency 2, 10, 100, 500Hz

III. Dimension & Connection

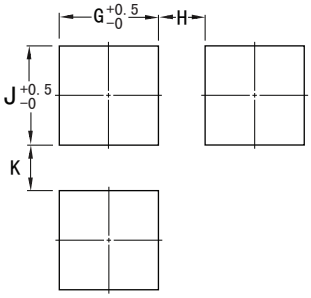
Front size



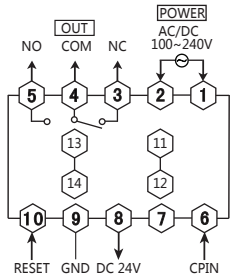
Side size



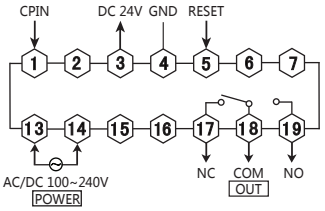
Hole size



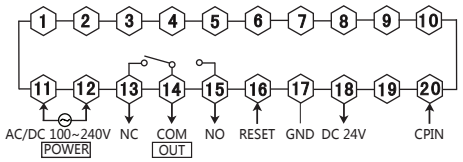
Model	A	B	C	D	E	F	G	H(Min)	J	K(Min)
4:(48×48)	48	48	71	6.5	64.5	44.5	45.5	25	44.5	25
7:(72×72)	72	72	71	6.5	64.5	67.5	67.5	25	67.5	25
8:(48×96)	96	48	71	6.5	64.5	44.5	92	25	45	25
Note	Unit(mm): Tolerance +0.5%									



CG4

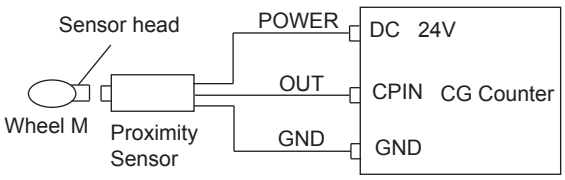


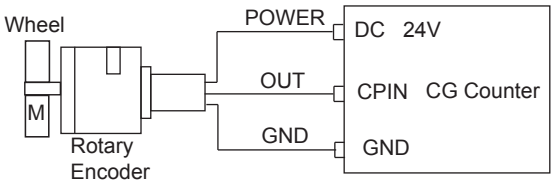
CG7



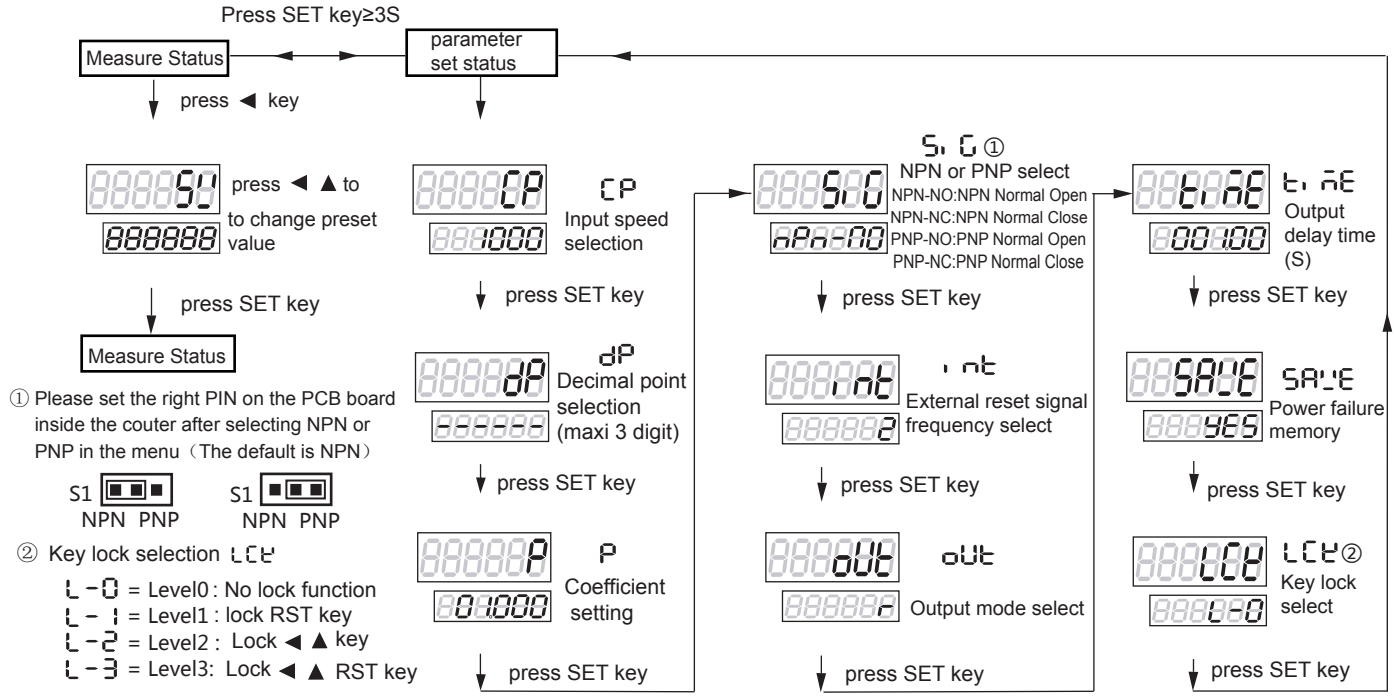
CG8

Note: Please subject to the connection drawing on the counter if any changes.



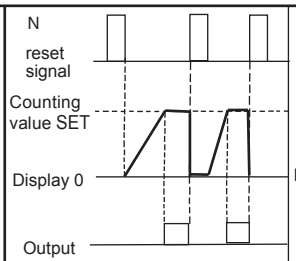
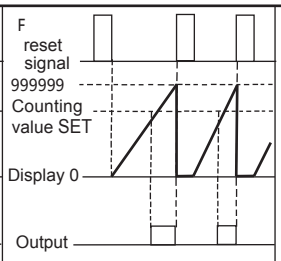
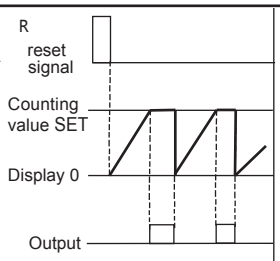
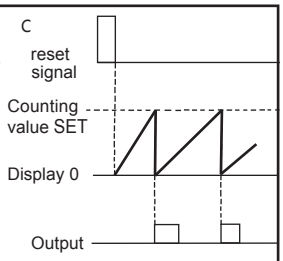


IV. Operation Menu



V. Output Mode Diagram

There are 4 types of output modes for option,N,F,R,C.

Output mode setting	N	F	R	C
				
Action after Counting up	Output and the counting value will remain till reset signal.	Counting value goes on, output will remain till reset signal.	When counting value is up to setting value, the display value and output will remain till the set delay time, then reset to next counting automatically.	The counter will reset the counting value when it is up to the setting value, but the output will remain till the setting delay time.