

GC1/GH1/GS1 Series

# セルフ電源 Gシリーズ

## SELF POWERED G SERIES

文字高10.6mmの大型LCD採用!!



GH1 Hourmeter (6digits)

GS1 Secondmeter (6digits)



GC1 Counter (6digits)



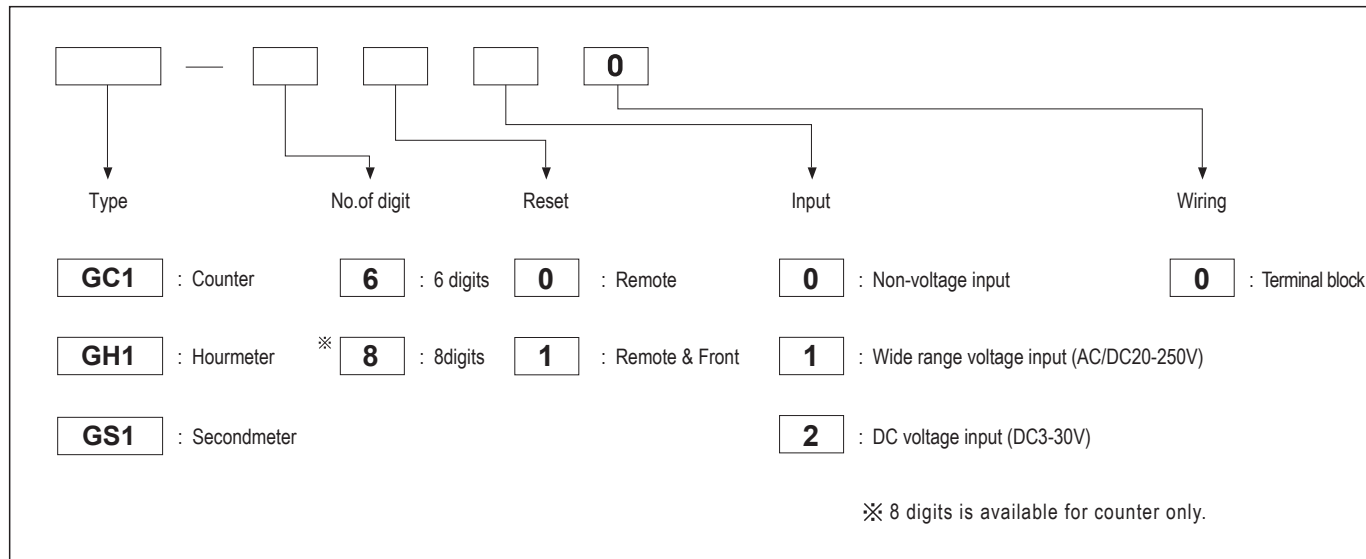
GC1 Counter (8digits)

- Panel mount (panel cutout 50 x 25)
- 6 & 8 digits LCD with 10.6mm figure height
- Lithium battery installed. Battery life 8 years(replaceable)
- In conformance to CE(EMC)
- Safety of front Panel,IP54



**LINE SEIKI CO., LTD.**

## MODELS



## ELECTRICAL SPEC.

Type	6 digits Counter	8 digits Counter	Hourmeter	Secondmeter
Display	7 segment LCD 6 digits : 10.6(H) x 4.8mm(W)		8 digits : 10.6(H) x 3.8mm(W)	
No. of digit	0 - 999999	0 - 99999999	0.0 - 99999.9	
Input	Non-voltage Wide range voltage L: DC/AC0-10V H: DC/AC20-250V DC voltage L: DC0-1V H: DC3-30V		Sink current Input impedance	10μA 330K Ω 390K Ω
Spec. of input	●Max. count speed Non-voltage: 30Hz DC voltage: 30Hz Wide range voltage: 30Hz		●Resolution 1 count per 1/10 hour	●Resolution 1 count per 1/10 second
Reset	Front reset	Remote reset input	Non-voltage Wide range voltage L: DC/AC0-3V H: DC/AC10-250V DC voltage L: DC0-1V H: DC3-30V	Sink current Input impedance Input impedance 10μA 68K Ω 390K Ω
Reset pulse width	Minimum 6m sec.			
Power source	3.6V 1/2AA Lithium battery installed, Battery life 8 years (replaceable)			
Noise immunity	Electrostatic discharge		IEC-61000-4-2 (8kV)	
	Radiated immunity		IEC-61000-4-3 (10V/m)	
	EFT / B.I / O leads		IEC-61000-4-4 (1.0kV)	
EMC standard	EMI: EN50081-2 EMS: EN50082-2			

MECHANICAL / ENVIRONMENTAL SPEC.

<b>Operating temp.</b>	-10 - 55°C (Non-freezing)
<b>Storage temp.</b>	-25 - 65°C (Non-freezing)
<b>Operating humidity</b>	25 - 85 %RH (Non-condensing)
<b>Vibration</b>	Operating : Double amplitude 0.3mm Frequency 10 - 55Hz X.Y.Z 3 axis Storage : Double amplitude 0.75mm Frequency 10 - 55Hz X.Y.Z 3 axis
<b>Shock</b>	Operating : 100m/s <sup>2</sup> Storage : 300m/s <sup>2</sup>
<b>Safety of front pael</b>	IP 54
<b>Weight</b>	60g
<b>Wiring</b>	Terminal type: 14-22AWG lead wires to be connected by screws.

WIRING

● Non-voltage input type (□ - □□ 0 □)

● Wide range voltage input type (□ - □□ 1 □)

● DC voltage input type (□ - □□ 2 □)

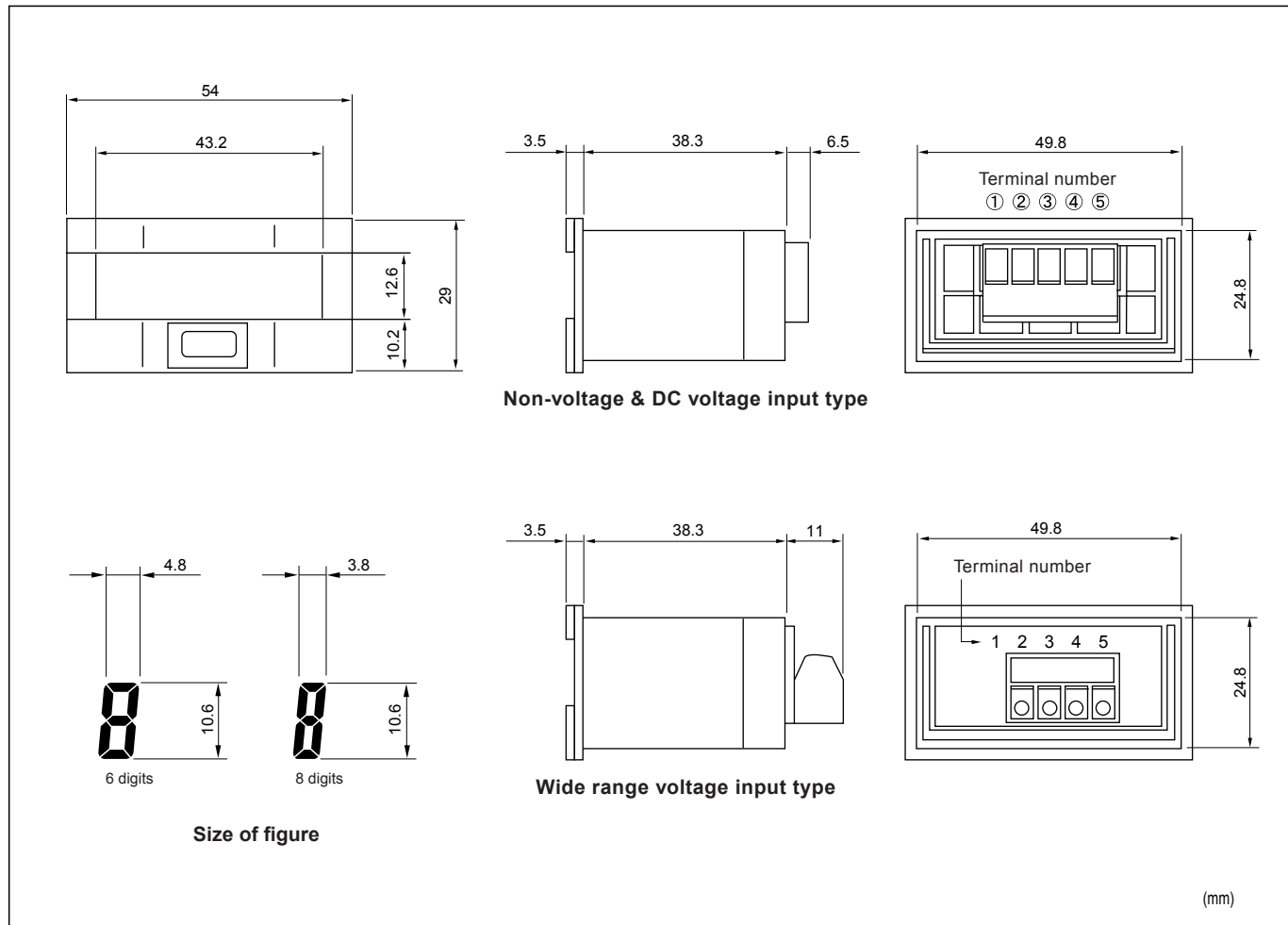
Logic of input for GC1 counter is shown below.

- GC1-□□ 0 □ Non-voltage input  
Input terminal No.2 : Count at Lo → Hi
- GC1-□□ 1 □ Wide range voltage input  
Input terminal No.2 : Count at Hi → Lo
- GC1-□□ 2 □ DC voltage input  
Input terminal No.2 : Count at Hi → Lo

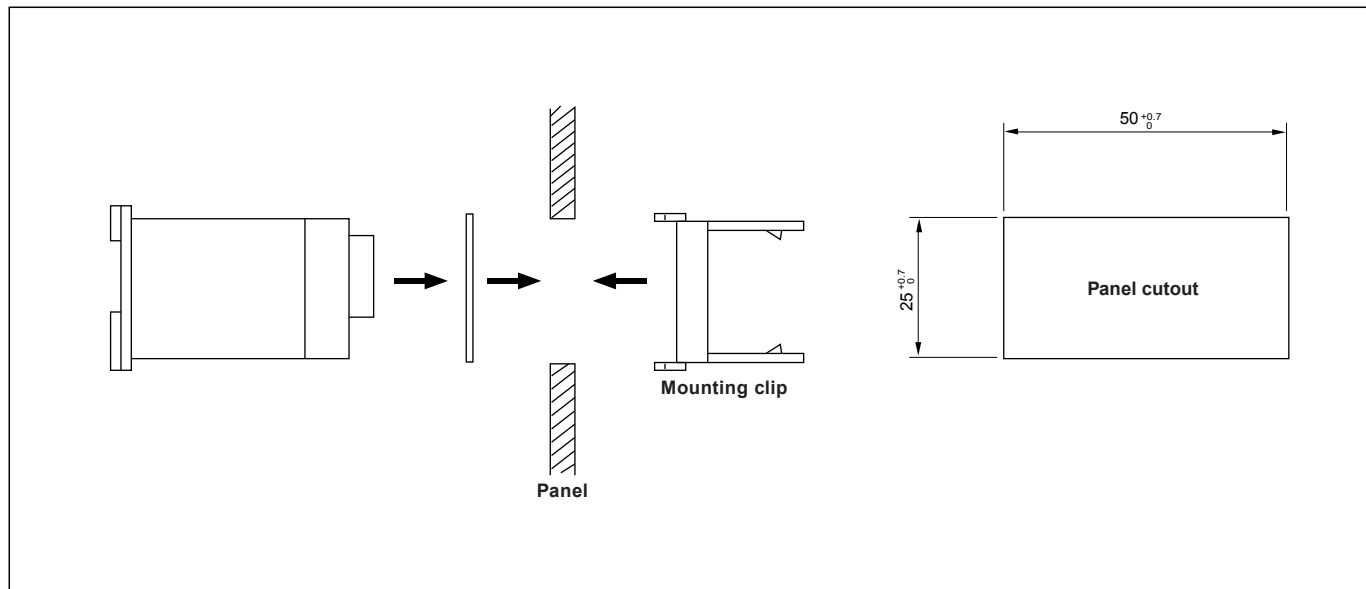
**[NOTE]**

Connecting two(2) or more units of non-voltage input type to a common remote reset wiring is not possible. This will cause the simultaneous counting of all units even if an input signal is inputted to a single unit only. Please make separate wirings for each unit.

■ DIMENSIONS



■ MOUNTING



\* Note  
Lithium battery is built in this product. Do not throw this product into the fire.