

GC2/GH2/GM2/GS2 Series

Instruction Manual

Thank you for purchasing this Line Seiki product.
Please read this instruction manual carefully before using to ensure correct usage of this product.
Please keep this instruction manual for future reference.

Main Features

- Panel mount(50.0 x 25.0mm)
- 6 / 8 digits LCD display
- Lithium battery included
- Battery life 7 years
- IP54 Front Panel protection level
- In conformance to CE (EMC), RoHS and UL 863



WARNING

Please note that misuse of this device may lead to injury to the user or damage to the device.

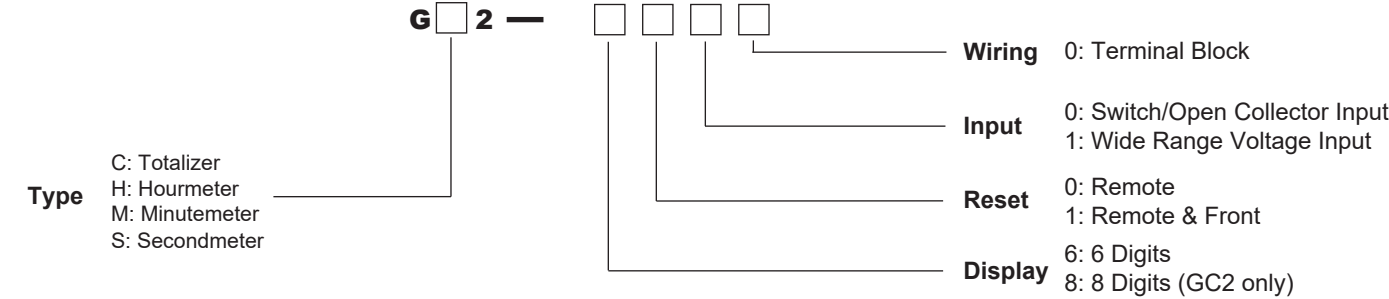
Customer Service



LINE SEIKI CO., LTD.

Address: 37-7 Chuo-cho, 2-Chome
Meguro-ku, Tokyo 152-0001 Japan
Contact : Please visit our company website for contact details
E-mail : webtrade@line.co.jp
Web : https://www.lineseiki.com

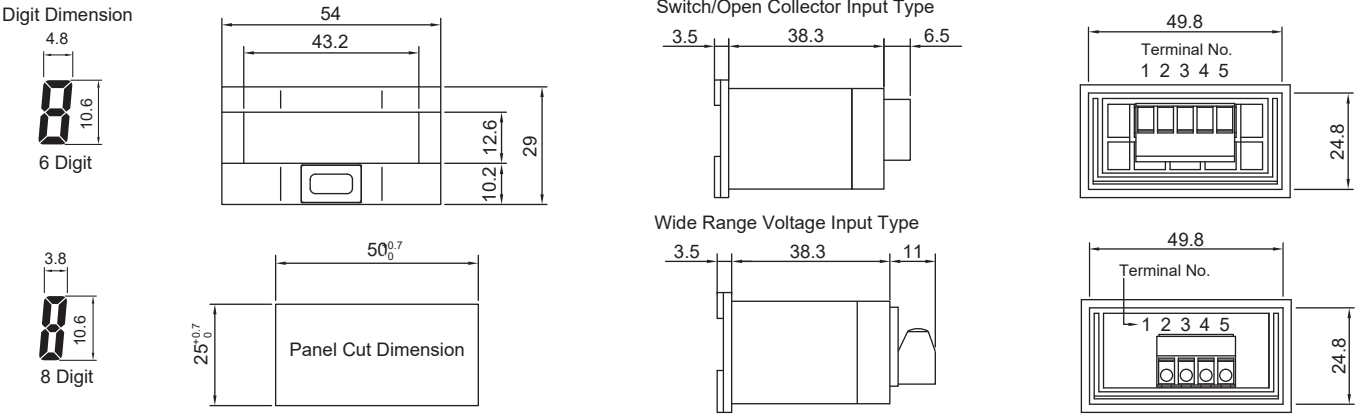
Models



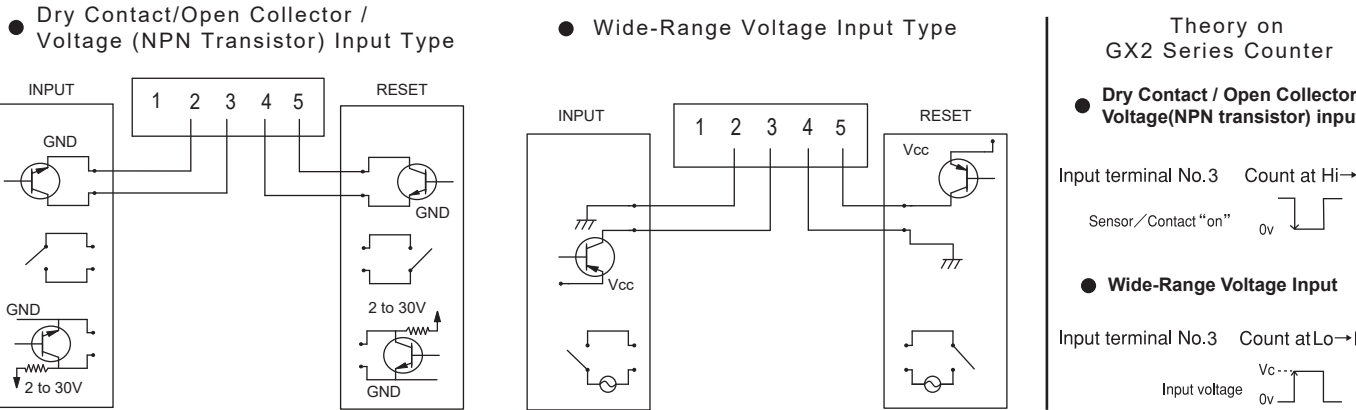
Specifications

| TYPE | GC2 TOTALIZER | GH2 HOURMETER | GM2 MINUTEMETER | GS2 SECONDMETER |
|------------------------------|--|---|---|---|
| DISPLAY | 6/8 Digits, 7-Segment LCD 10.6mm (H) | 6 Digits, 7-Segment LCD 10.6mm (H) | | |
| DISPLAY DIGIT | 0 - 999999 / 0 - 99999999 | 0.0 - 99999.9 | | |
| INPUT | Switch / Open Collector Wide Range Voltage | L: < 0.8V H: < 2 - 30V L:DC / AC 0 - 5V H:DC / AC 20 - 250V | Sink Current: 8μA Input Impedance: 300kΩ | |
| COUNT SPEED | 30 Hz 20Hz (Wide Range Voltage Input Only) | — | | |
| RESOLUTION | — | 1 count per 1/10 hour | 1 count per 1/10 minute | 1 count per 1/10 second |
| RESET | Front Reset Remote Reset | Switch/Open Collector Wide Range Voltage | L: < 0.8V H: < 2 - 30V L:DC/AC 0 - 5V H:DC/AC 20 - 250V | Sink Current: 8μA Input Impedance: 300kΩ |
| RESET PULSEWIDTH | 6ms minimum | | | |
| POWER | 3.6V 1/2AA Lithium Battery (replaceable), 7 years min. with continuous input at 25°C *The battery life is not a guaranteed value. | | | |
| NOISE IMMUNITY | Electrostatic Discharge: IEC-61000-4-2 8kV Electromagnetic Field: IEC-61000-4-3 10V/m EFT/BI/O Leads: IEC-61000-4-4 1.0kV | | | |
| EMC STANDARD | EMI:EN61000-6-4, EMS:EN61000-6-2 | | | |
| AMBIENT TEMP. : OPERATING | -10 - +55°C (Should not be Frozen) | | | |
| AMBIENT TEMP. : STORAGE | -20 - 65°C (Should not be Frozen) | | | |
| AMBIENT HUMID. : OPERATING | 25 - 85% RH (Non-Condensing) | | | |
| VIBRATION / SHOCK RESISTANCE | Operation : Single Amplitude 0.35mm, Frequency: 10 - 55Hz, X, Y, Z Axis (3 Axis) / 100m/s² Storage : Single Amplitude 0.75mm, Frequency: 10 - 55Hz, X, Y, Z Axis (3 Axis) / 300m/s² | | | |
| ALTITUDE | 2,000m max. | | | |
| INSTALLATION ENVIRONMENT | Over-voltage category II , Pollution degree 2 (IEC61010-1) | | | |
| PROTECTION | IP54 | | | |
| WEIGHT | 60g (Battery included) | | | |
| WIRING | 14-22 AWG Leadwires by Terminal Screw | | | |
| COMPLIANCE | RoHS, UL863, CE | | | |

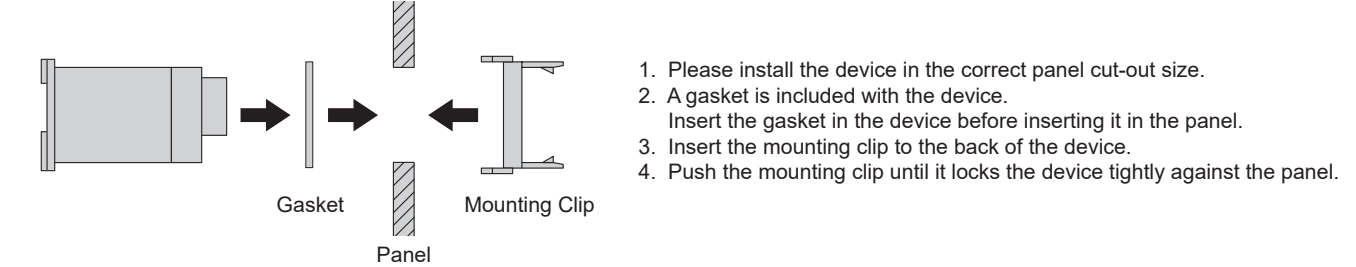
Dimensions



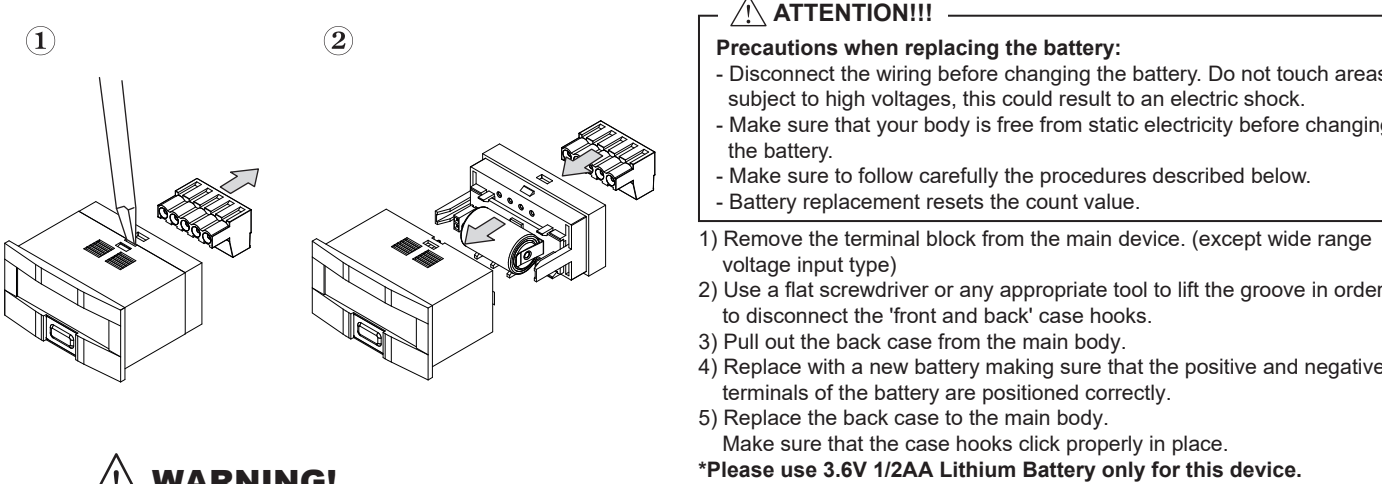
Wiring



Mounting



Battery Replacement



WARNING!

- This device uses Lithium battery, it must be disposed properly after use. Do not short the positive and negative terminals, recharge, disassemble, deform by the application of excessive pressure, or dispose the battery to fire as this may seriously damage it or may cause explosion.
- Do not attempt to disassemble or modify this device.
- Mount to the front panel when using this device. (Indoor use)
- Do not use organic solvents such as thinners etc. to clean the front panel.
- Internal circuit may be destroyed if a voltage outside the rated voltage is applied.



EXPLOSIVE!