# DCbox 類比與脈波輸入流量瞬間量/ 累積量/ 批量顯示控制電錶 GRT-B



- 精確度：0.05% F.S ±1位數
- 可同時量測與顯示瞬間量(5位數)/批量(6位數)/累積量(10位數)
- 4種時間基數可任意規劃; 五種流量單位可任意設定
- 批量控制採用前置量預停設定方式
- 批量控制具有向上或向下計數模式可規劃
- 面板具有起動/停止/批量復歸按鈕功能
- 防護等級NEMA4/IP64

## 規 格 特 性

| | | | |
|---|---|---|---|
| ◆ 精確度: | 0.05% F.S. ±1digit(Rate/Analog input) | ◆ 批量控制輸出復歸方式: | Manual(N) or Auto restart(A) can be modified |
| ◆ 顯示值/比較值範圍: | 0~99999(Rate)/0~999999(Batch) 0~9999999999(Totalizer) | ◆ 類比輸出解析度: | 16bit DAC |
| ◆ 輸入型式: | In side jump selectable DC4~20mA/DC1~5V(Analog) Current souring(NPN)/Current sinking(PNP) Switch contact(Pulse) | ◆ 輸出反應速度: ◆ 輸出負載能力: | <50ms(0~90%) <10mA for voltage mode <10V for current mode |
| ◆ 脈波觸發電位: | High level: $V_{IH}$=DC4~30V(Pulse) $V_{IH}$=AC30mV~30V(Magnetic pick-up) $V_{IH}$=Rmax.<500 ohm(Switch contact) Low level: $V_{IH}$=DC0~2V(Pulse) $V_{IH}$=AC~20mV(Magnetic pick-up) $V_{IH}$=Rmax.<1K ohm(Switch contact) | ◆ 脈波輸出容量: ◆ 通訊位址: ◆ 傳輸速度: ◆ 溫度係數: ◆ 顯示幕: | Photo couple of open-collector (Max.DC30/50mA) (Synchronize totalizer)(Max. 100Hz) "01"~"FF"(0~255) 38400/19200/9600/4800/2400 50ppm/℃(0~50℃) Bight Red LED high 10.16mm(0.4") Bight Red LED high 7.0mm(0.28") Bight Red LED high 10.16mm(0.4") |
| ◆ 最高輸入頻率: | <10KHz(50% duty cycle(Pulse)) <1KHz(Magnetic pick-up) <100Hz(Switch contact) | ◆ 記憶型式: ◆ 絕緣耐壓能力: ◆ 使用環境條件: | Non-volatile E² PROM memory 2KVac/1min. (input/case) 0~50℃(20 to 90% RH non-condensed) |
| ◆ 批量控制輸出2起動延遲時間: | 0 to 99 （output2) | ◆ 存放環境條件: | 0~70℃(20 to 90% RH non-condensed) |
| ◆ 批量控制輸出2預停前置量: | 0 to 9999 （output2) | | |
| ◆ 批量控制輸出復歸方式: | Up to Down can be modified | | |

## 選 用 型 號 規 格

GRT-B - 代碼1 代碼2 代碼3 - 代碼4 代碼5 代碼6

| 碼1 | 輸入種類 |
|---|---|
| A | DC1~5V & NPN/PNP Voltage pulse |
| B | DC4~20mA & NPN/PNP Voltage pulse |
| C | DC1~5V & Magnetic pick-up |
| D | DC4~20mA & Magnetic pick-up |
| O | Option |

- DC4~20mA (input impedance=50 ohm)
- DC1~5V (input impedance=500 ohm)

| 碼2 | 線性功能 |
|---|---|
| N | None |
| Y | 16 Point(linearity) |

- Only analog input type

| 碼3 | 警報功能 |
|---|---|
| 0 | None |
| 2 | Rate/Totalizer |

- Relay contact
  AC250V~5A
  DC30V~7A

| 碼4 | 類比輸出 |
|---|---|
| N | None |
| I | DC4~20mA |
| V | DC0~10V |
| R | Option |

| 碼5 | RS-485 |
|---|---|
| N | None |
| Y | RS-485 |

- Modbus RTU
- 256 nodes on bus

| 碼6 | 工作電源 |
|---|---|
| A | AC/DC18~60 V |
| B | AC/DC90~260V |

- Less 5VA for
  AC/DC input

## 配 線 圖



(Non-Alarm) (Upper)

| OUT1 | | | | OUT2 | | | | D- | D+ | - | + |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| COM | A | B | | COM | A | B | | RS-485 | | analog output | |

(Alarm)

| OUT1 | | OUT2 | | AL-T | | AL-R | | D- | D+ | - | + |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| COM | A | COM | A | COM | A | COM | A | RS-485 | | analog output | |

(Down)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| +12V | P-IN | COM | A-IN (HI) | A-IN (LO) | -12V (50mA) | B-RST | RUN | STOP | SQRT | | | C | E | 90~260V |
| | | | | | | | | | | | | O/P | | SOURCE |