

**ISO 9001
REGISTERED**

1.0 DESCRIPTION 規範

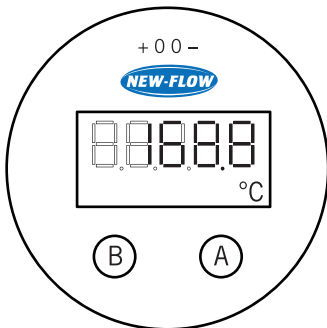
- Enclosure Housing:** Aluminum or SS316
- LCD Display:** General type: 5 digital (-9999~69999)
Flow type: Totalizer 10 digital (top);
Flow rate 8 digital (bottom)
- Input:** Linear 4 to 20mA
- Loop Resistance:** 500Ω
- Accuracy:** Analog (4~20mA), Linear: Zero manual adjustable
±0.25% of span
- Ambient Temperature:** -20 to +85°C
- Power Supply:** 12 to 35VDC
- Process Connection:** ½" or ¾" NPT female; others option available
- Conduit Connection:** ½" or ¾" NPT female, or M20 x P1.5 (with adaptor);
others option available
- Unit: Flow type–** Flow unit: Kg, GAL, Nℓ, Nm³, cc, ℓ, M³;
General type– Time unit: Day, Hr, Min, Sec;
General type– Others unit: mA, A, mV, V, PH, °F, °C, psig, Pa, Kpa,
Mpa, mbar, bar, mmHg, mmWC, Torr, %, M, cm...available



**D-1000-G
(General Type)**



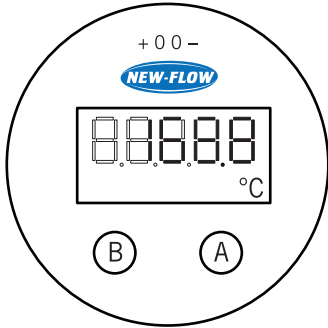
2.0 BUTTON STEP INSTRUCTION 按鍵步驟說明



1. 先按住 (A) 再按 (B) : 顯示頁與設定群組之切換
2. 在設定群組:
 - 按 (A) : 設定功能切換/數字移位
 - 先按住 (B) 再按 (A) : 閃爍顯示值可以更改
 - 按 (B) : 設定數值選擇/小數點移位
 - 確認所選數值無誤後按住 (B) 再按 (A) : 儲存/閃爍停止
3. Press and hold (A), and then press the button (B) :
Display page and conversion of setting group.
4. In the Setting Group:
Press the button (A) : Conversion of set function / Digital shift
Press and hold (B), and then press the button (A) :
Flash displayed value changeable.
Press the button (B) : Selection the setting value / Decimal point shift
Confirm the selected value is correct, press and hold (B),
and then press (A) : Save / Flash stopped

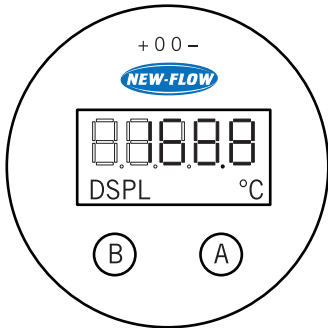
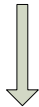
3.0 ILLUSTRATION I 實例說明 (一)

例如要設定 Range: 0~200.0°C



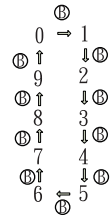
按住 (A) 再按 (B)
進入設定功能

Press and hold (A), then press (B)
into the setting function

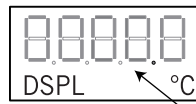


按住 (B)
再按 (A)
Press and hold (B),
then press (A)

按住 (B)
再按 (A) 即刻儲存
Press and hold (B),
then press (A),
save immediately.



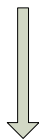
閃爍的數字可按 (B) 更改
Flashing digital can be changed
by button (B)



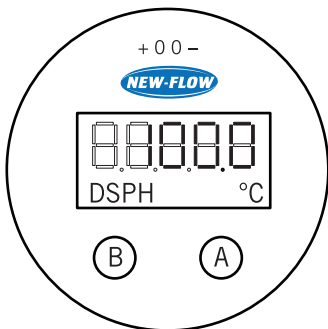
按 (A) 閃爍的數字
會移動

此為 LRV 設定
Set of LRV

請把數值設 00000
Set the value to 00000

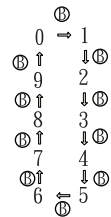


按 (A)
Press (A)

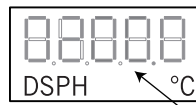


按住 (B)
再按 (A)
Press and hold (B),
then press (A)

按住 (B)
再按 (A) 即刻儲存
Press and hold (B),
then press (A),
save immediately.



閃爍的數字可按 (B) 更改
Flashing digital can be changed
by button (B)

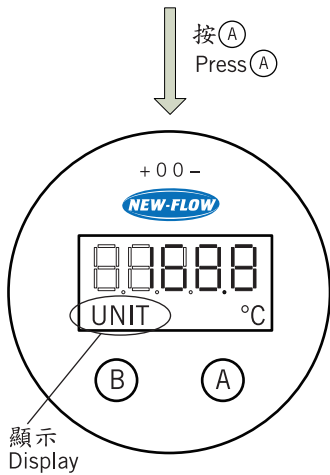


按 (A) 閃爍的數字
會移動

此為 URV 設定
Set of URV

請把數值設 02000
Set the value to 02000

3.0 ILLUSTRATION I 實例說明 (一)



按 (A)
Press (A)

按住 (B)
再按 (A)
Press and hold (B),
then press (A)

按住 (B)
再按 (A) 即刻儲存
Press and hold (B),
then press (A),
save immediately.

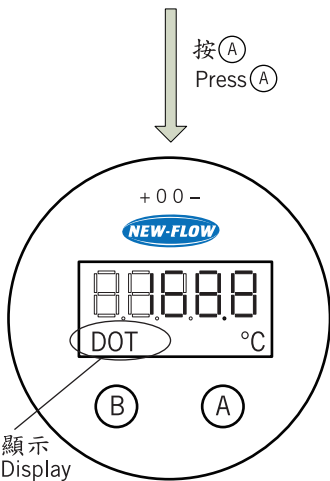


按 (B) 更改
Press (B) to change

此為單位設定
Set of Unit

單位會閃爍
請將單位設成 °C
Flashing value
please set it to °C

- | | | | | | | | | |
|------|---|------|---|------|----|----|---|----|
| mmWC | ↔ | mmHg | ↔ | Toor | ↔ | % | ↔ | M |
| ⊕↑ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕↓ | ⊕ | ⊕ | ⊕ |
| bar | | cm | | | | | | |
| ⊕↑ | | ↓ | | | | | | |
| mbar | | mA | | | | | | |
| ⊕↑ | | ↓ | | | | | | |
| Mpa | | A | | | | | | |
| ⊕↑ | | ↓ | | | | | | |
| Kpa | | mV | | | | | | |
| ⊕↑ | | ↓ | | | | | | |
| pa | | V | | | | | | |
| | ↔ | Psig | ↔ | °C | ↔ | °F | ↔ | PH |



按 (A)
Press (A)

按住 (B)
再按 (A)
Press and hold (B),
then press (A)

按住 (B)
再按 (A) 即刻儲存
Press and hold (B),
then press (A),
save immediately.



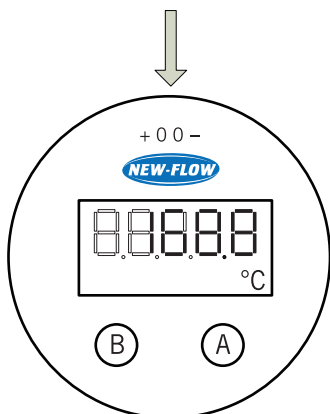
此為小數點設定
Set of decimal point

整排會閃爍
Whole row will be flashing

按 (B) 小數點會移動
Press (B), the decimal point
can be shifted.
依您的需求設小數點 1 位
Set the first decimal point
by your request.

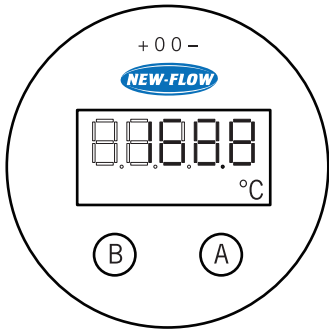
按住 (A) 再按 (B), 完成設定回到顯示頁

Press and hold (A), then press (B); return to the display page after finishing the set.



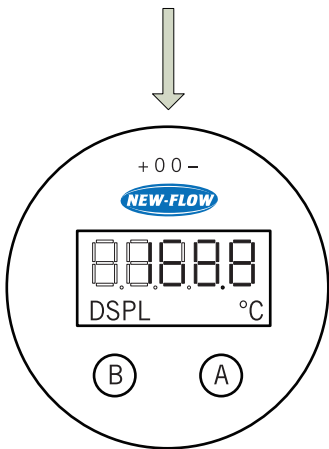
4.0 ILLUSTRATION II 實例說明 (二)

例如要設定 Range: 0~3.000M



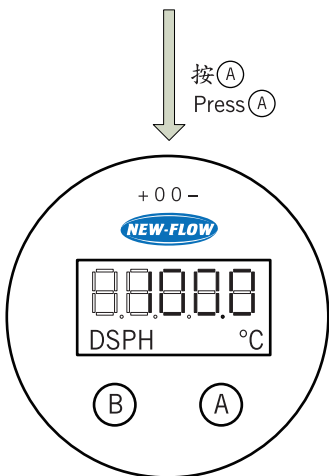
按住 (A) 再按 (B)
進入設定功能

Press and hold (A), then press (B)
into the setting function



按住 (B)
再按 (A)
Press and hold (B),
then press (A)

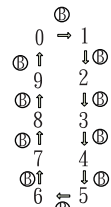
按住 (B)
再按 (A) 即刻儲存
Press and hold (B),
then press (A),
save immediately.



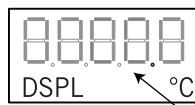
按 (A)
Press (A)

按住 (B)
再按 (A)
Press and hold (B),
then press (A)

按住 (B)
再按 (A) 即刻儲存
Press and hold (B),
then press (A),
save immediately.



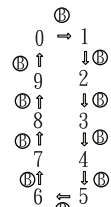
閃爍的數字可按 (B) 更改
Flashing digital can be changed
by button (B)



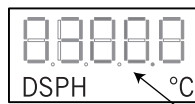
按 (A) 閃爍的數字
會移動

此為 LRV 設定
Set of LRV

請把數值設 00000
Set the value to 00000



閃爍的數字可按 (B) 更改
Flashing digital can be changed
by button (B)

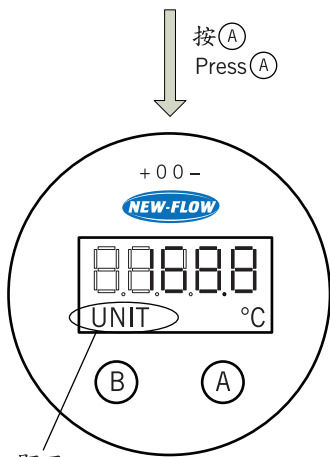


按 (A) 閃爍的數字
會移動

此為 URV 設定
Set of URV

請把數值設 03000
Set the value to 03000

4.0 ILLUSTRATION II 實例說明 (二)



顯示
Display

按 (A)
Press (A)

按住 (B)
再按 (A)
Press and hold (B),
then press (A)

按住 (B)
再按 (A) 即刻儲存
Press and hold (B),
then press (A),
save immediately.



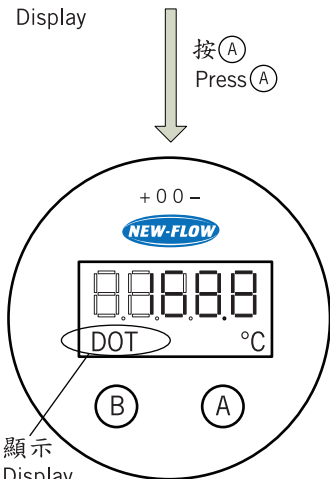
按 (B) 更改

Press (B) to change

此為單位設定
Set of Unit

單位會閃爍
請將單位設成 M
Flashing value
please set it to M

| | | | | | | | | |
|------|------|------|----|------|----|---|---|----|
| mmHg | ↔ | mmWC | ↔ | Toor | ↔ | % | ↔ | M |
| ⊕↑ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| bar | | | | cm | | | | |
| ⊕↑ | | | | ↓ | | | | ⊕ |
| mbar | | | | mA | | | | ⊕ |
| ⊕↑ | | | | ↓ | | | | ⊕ |
| Mpa | | | | A | | | | ⊕ |
| ⊕↑ | | | | ↓ | | | | ⊕ |
| Kpa | | | | mV | | | | ⊕ |
| ⊕↑ | | | | ↓ | | | | ⊕ |
| pa | | | | V | | | | ⊕ |
| ↔ | Psig | ↔ | °C | ↔ | °F | ↔ | | PH |
| ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | | ⊕ |

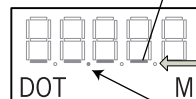


顯示
Display

按 (A)
Press (A)

按住 (B)
再按 (A)
Press and hold (B),
then press (A)

按住 (B)
再按 (A) 即刻儲存
Press and hold (B),
then press (A),
save immediately.



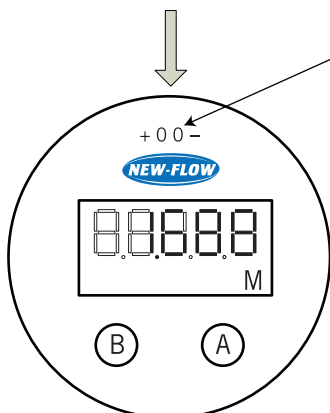
此為小數點設定
Set of decimal point

整排會閃爍
Whole row will be flashing

按 (B) 小數點會移動
Press (B), the decimal point
can be shifted.
設小數點3位
Set the third decimal point

按住 (A) 再按 (B), 完成設定回到顯示頁

Press and hold (A), then press (B); return to the display page after finishing the set.

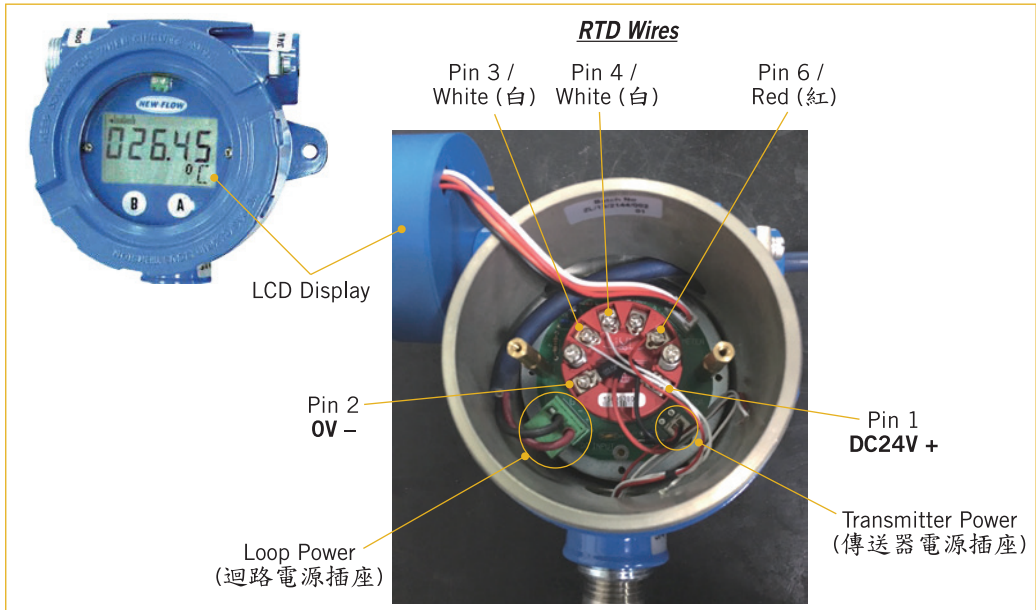


如果傳送器可連結HART, 可使用此鉤環。

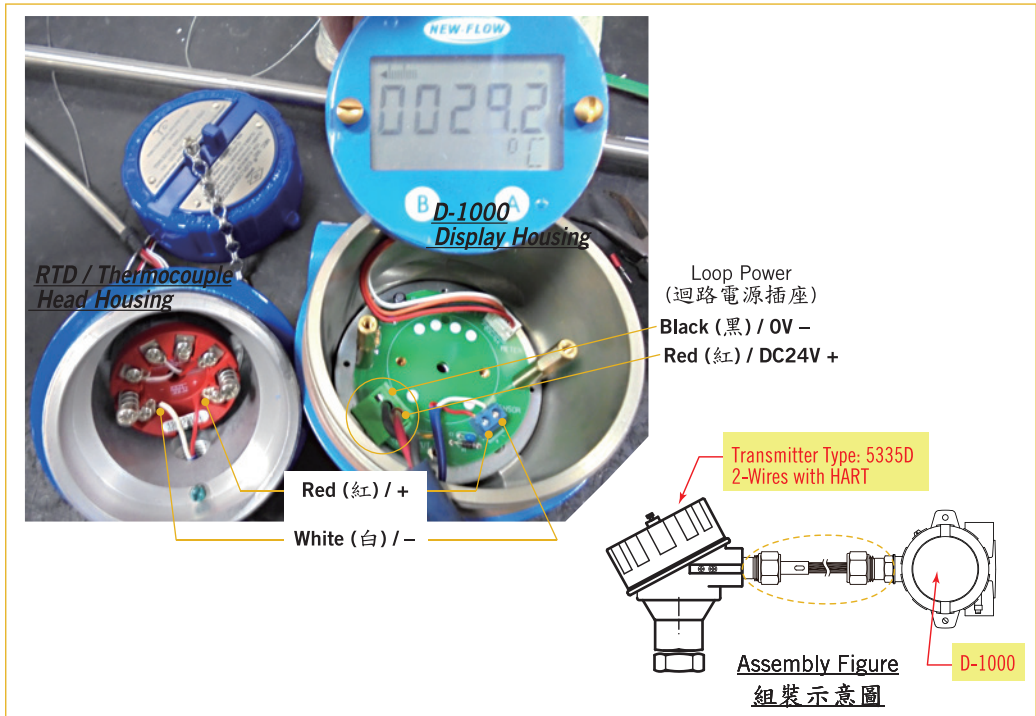
If the transmitter can connect with HART, please use the hook.

5.0 HART WIRING DRAWING 傳送器接線示意圖

• Integral Type 一體型：



• Remote Type 分離型：



6.0 REMOTE TYPE SETTING STEPS 分離式設定操作步驟說明



Fig.1

Fig.1:

Please take off the cover of D-1000, and use the screwdriver to loosen the screws from the LCD plate.

逆時針方向轉開顯示器上蓋後，使用螺絲起子鬆開LCD顯示器螺絲。

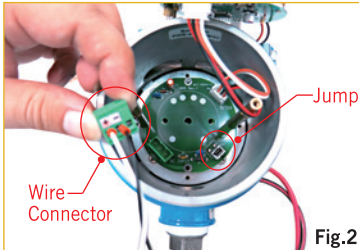


Fig.2

Fig.2:

Lift the LCD plate, and takes apart the Wire Connector lightly, then connects with the loop power (4~20mA, 2-wires) by customer. After that, inserts the Wire Connector back.

掀開LCD面板，輕輕拆下端子並接上2線式4~20mA (Loop Power)，再插回端子槽內。



Fig.3

Fig.3:

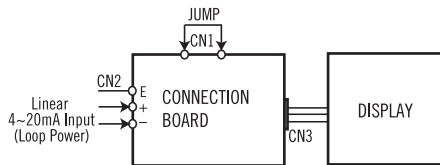
Put the LCD plate back and loosen the screws.

Bottom display is Flow Rate; Up display is Totalizer.

將LCD面板鎖回盒中，LCD下排顯示瞬間流速，上排為總累積量。

7.0 WIRE DRAWING 接線圖示

A. Looper Power



B. Exciting Power

