

## 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-L**  
(Level Type)



## 2.0 TRANSMITTER SETTING STEPS 傳送器設定操作步驟說明



**Fig.1**

**Fig.1:**

Magnetic level gauge- Transmitter type: Assembled with D-1000-L.  
Please take off the cover of D-1000.

磁力式液位傳送器組裝LCD顯示。

逆時針方向轉開顯示器上蓋。

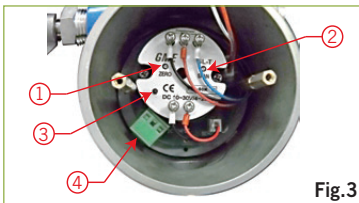


**Fig.2**

**Fig.2:**

Please use the screwdriver to loosen the screws from the LCD plate.

使用螺絲起子鬆開LCD面板左右兩側的螺絲。



**Fig.3**

**Fig.3:**

Lift the LCD plate, confirm the transmitter and wires in the inner housing.

1. Zero

2. Span

3. Light

4. Wire Connector

鬆開螺絲後，掀開LCD面板，確認Zero/Span/Light/Wire Connector  
的位置。

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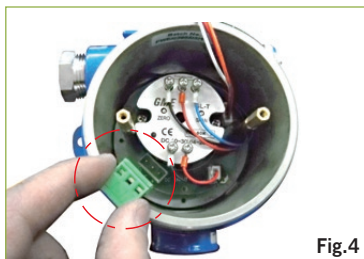


Fig.4

**Fig.4:**

Take out of the Wire Connector lightly, and connect with your wires by customer.

輕輕取下Wire Connector連接客戶端的接線。

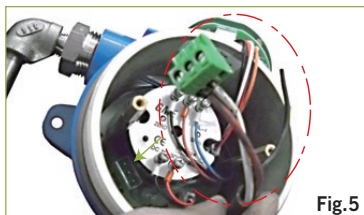


Fig.5

**Fig.5:**

Finished the connection, put it back to the on the original position.

接線完成後，將Wire Connector放回原來的位置。

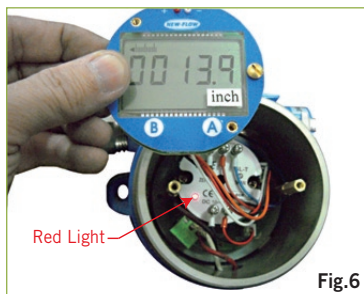


Fig.6

**Fig.6:**

Red light on means the connection is ok, and the LCD display what the level position is.

紅燈亮表示接線正常。LCD面板顯示目前液位。

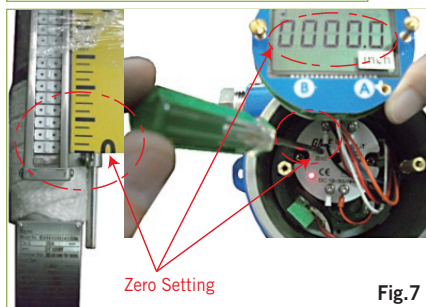


Fig.7

**Fig.7:**

When the color of strips are all white, the level is ZERO.

Please use the screwdriver to adjust the "zero point" on the transmitter, then the LCD plate will display "0000.0 inch".

液位計指示面板顯示白色時，表示無液位。請使用螺絲起子調整傳送器上的zero，LCD 面板即顯示"0000.0 inch"。

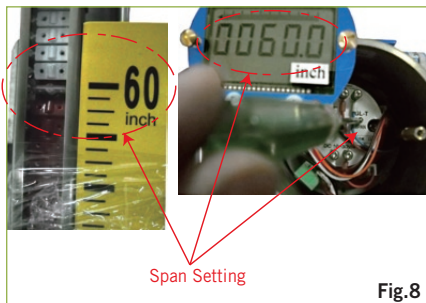


Fig.8

**Fig.8:**

When the level on the top, please use the screwdriver to adjust the "Span point" on the transmitter, then the LCD plate will display "0060.0 inch". (the length in the figure is only for example)

當液位至頂點時，請使用螺絲起子調整傳送器上的span，LCD 面板即顯示"0060.0 inch"。(此數值及單位僅供參考，依客戶需求而定)