

一氧化碳傳訊器(4~20mA/2~10V 輸出)使用說明書

CO Transmitter (4~20mA/2~10V output) Instruction Manual

感謝您購買本公司的產品！為使產品能正常運作，請您詳閱使用手冊，並請依照說明操作。謝謝！
Thanks for choosing our product! Please read carefully and follow this instruction before using!

產品介紹 Introductions

一氧化碳，是一種無色，無嗅，無味，含劇毒的無機化合物氣體，比空氣略輕，為含碳物質不完全燃燒的產物。空氣混合爆炸極限為12.5%~74%。由於一氧化碳與體內血紅蛋白的親和力比氧與血紅蛋白的親和力大200-300倍，當一氧化碳濃度在空氣中達到35ppm，就會對人體產生損害，會造成一氧化碳中毒(又稱煤氣中毒)。最常見的一氧化碳中毒症狀，如頭痛，噁心，嘔吐，頭暈，疲勞和虛弱的感覺。嚴重者症狀包括視網膜出血，以及異常櫻桃紅色的血。暴露在一氧化碳中可能嚴重損害心臟和中樞神經系統，會有後遺症。可能產生一氧化碳的產品包括故障的燃料燃燒機器，如瓦斯爐，爐灶，熱水器和室內加熱器。

C6000A001為設計安裝於易產生一氧化碳的通風不足的場所，監測一氧化碳濃度，應用於通風系統控制可有效控制和改善空氣品質，安裝環境如地下停車場、非開放式空間、住宅、辦公場所或工廠等。

CO is a colorless, odorless and tasteless gas. It can bond to our Hb as COHb and circuit in human body. When we breathe air containing CO, it is absorbed through the bloodstream where it displaces oxygen and bonds with the hemoglobin in your blood. CO has a greater affinity to hemoglobin than oxygen; CO bonds to hemoglobin about 200-300 times better than oxygen. Without oxygen, vital organs, your heart and brain become deprived and will begin to deteriorate. To compensate, your heart rate increases, breathing may become difficult and in the most serious circumstances cardiac trauma, brain damage, coma and even death will result.

We are actually in a circumstance full of uncertain risk. C6000A001 CO transmitter can be applied in kitchen, garage, basement parking, boiler room and etc., to provide a safe way and to secure our lives against any CO threat.

產品附件清單 Product accessories list

產品：壁掛式 Wall mount

附件：如下

傳訊器	數量：1
螺絲	數量：4
使用說明書	數量：1
產品中有害物質的名稱及含量	數量：1

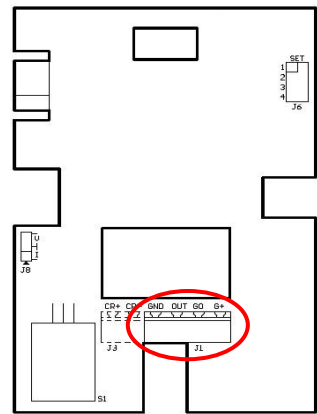
安裝方式 Installation

- 請確認傳訊器、配件、說明書是否齊全
Please check if the transmitter, accessory pack and instruction manual are included in the package.
- 請選定安裝傳訊器的位置
Please decide right position for installation.
- 將底座以螺絲固定在欲安裝的牆面或裝線盒上
Fix the base with screws on the wall.
 - 請依接線圖連接訊號線 (4~20mA 輸出,請參考接線圖1)
Please refer Figure 1 for wiring.
 - 將PC板(LED面朝上)，插入接線端子台，並將PC板嵌入正確位置
Connect properly the PC board to the terminal (LED is on top)
- 安裝線材請採用隔離線(15AWG / 17AWG / 22AWG)
Please apply 15AWG / 17AWG / 22AWG cable for installation.

*** 注意：接線前後，請勿接上電源，以免造成機板損壞，或發生危險**

Notice: Please remove power from the unit before wiring, in order to avoid any damage or hazard.

接線方式 Wiring



Voltage Output (RL > 2.5KΩ at 24V DC)

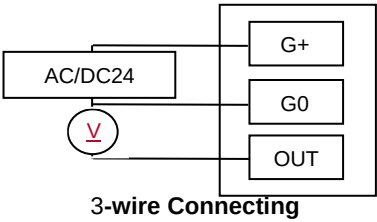
1.	G+	AC/DC 24V
2.	G0	System GND
3.	OUT	2~10V

Current Output (RL < 500Ω at 24V DC)

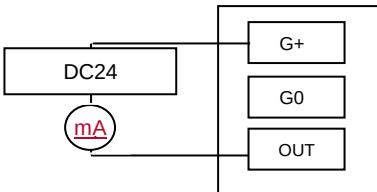
1.	G+	AC/DC 24V
2.	OUT	4~20 mA

Current Output (RL < 500Ω at 24V DC)

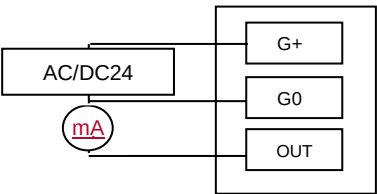
1.	G+	AC/DC 24V
2.	G0	System GND
3.	OUT	4~20 mA



3-wire Connecting

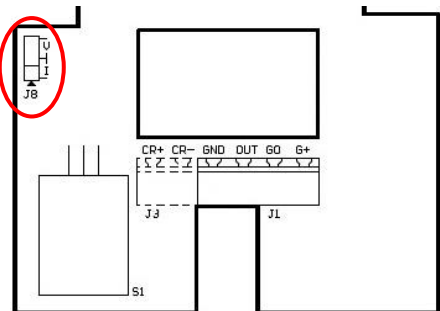


2-wire Connecting



3-wire Connecting

4~20mA / 2~10V 輸出設定 Output Settings



JP8 用於選擇4~20mA / 2~10V 的線性輸出模式。
JP8 are used to select 4~20mA / 2~10V linear outputs mode.

Output Configurations	JP8
4~20 mA (Default)	
2~10 V	

** 電壓輸出模式2~10V僅用於三線式接法使用。
The voltage output mode 2~10V is only used for 3-wire connection.

安裝方式 Installation

壁掛式 Wall mount type

- 以一字型螺絲起子按壓產品外殼上方的卡榫，以打開上蓋。(請參閱圖2 ~ 圖4)

Press tenon on top of the housing with a screw driver to remove the upper cover. (Please refer to the Figure 2 to Figure 4)



【圖2】 Figure 2



【圖3】 Figure 3



【圖4】 Figure 4