

薄型兩線式直流隔離傳送器

(SLIM TYPE TWO-WIRE DC SIGNAL ISOLATED TRANSMITTER)

MODEL
STD-T



■特點(FEATURES)

- 精確度0.1%滿刻度(Accuracy 0.1% F.S.)
- 多種輸入選擇(Wide selection of input range)
- 輸出DC4~20mA負載能力強(Output DC4~20mA, $RL(max.)=(V_{supply}-12V)/20mA$, up to 600 ohm at 24VDC)
- 寬範圍電源輸入直流12至28伏特(Field-rangeable supply voltage from 12 to 28V)
- 輸入與輸出絕緣耐壓1.5KV特/1分鐘(Dielectric strength 1.5KVac/1min(input/output))
- 尺寸小、穩定性高(Dimension small & High stability)

1. MODEL: STD-T

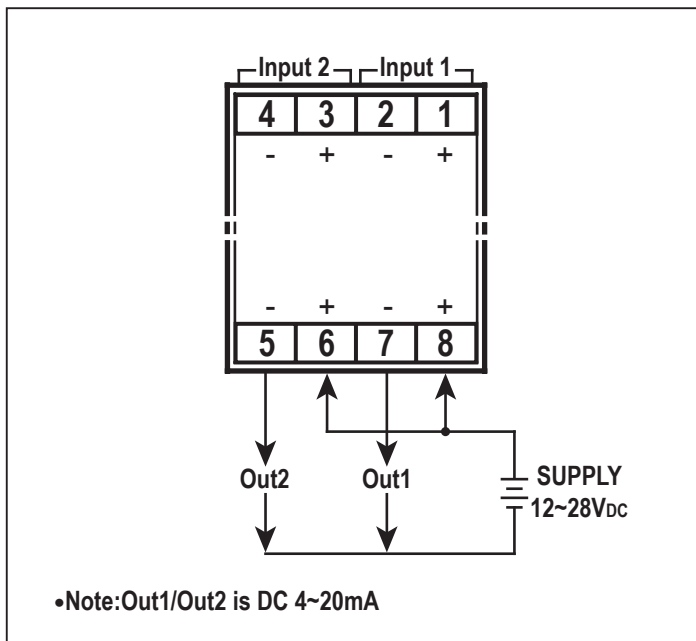
(選購型號)

NO	Input Channels	NO	Input Range	NO	Input Range
1	One-channel	1	DC0~50mV	5	DC0~10V
2	Two-channel	3	DC0~5V	6	DC4~20mA
		4	DC1~5V	9	SPECIFIED

2. SPECIFICATION (主要規格)

- Supply voltage (輔助電源): DC12 to 28V (<21mA)
- Measuring accuracy (精確度): 0.1% F.S. (23±5°C)
- Input resistance (輸入阻抗): >100Mohm (<2V range), >1Mohm (>2V range), <10ohm (current range)
- Maximum input (最大過載能力): <300Vrms (>2V ranges), <150Vrms (<2V ranges), <150mA (current ranges)
- Output current (輸出電流): DC4~20mA
- Response time (輸出反應速度): <250ms (0~90%)
- Output drive capability (輸出負載能力): $RL(max.)=(V_{supply}-12V)/20mA$, up to 600 ohm at 24VDC
- Output ripple (p-p) (輸出漣波): <0.1% F.S.
- Zero (offset) range (歸零調整範圍): 0~±2% F.S.
- Span (scale) range (最大值調整範圍): 0~±5% F.S.
- Temp. coefficient (溫度係數): 50ppm/°C (0~50°C)
- Isolation (隔離特性): Input/Output/Case
- Insulation Resistance (絕緣阻抗): >100Mohm with 500VDC
- Dielectric strength (絕緣耐壓能力): 1.5KVac/1 min. (input/Output), 1200Vdc (input/output)
- Operating condition (使用環境條件): 0~60°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件): 0~70°C (20 to 90% RH non-condensed)
- Construction (安裝方式): 35mm DIN rail (EN50022)
- CE EMC Certification (CE 認證): EN 55022:1998/A1:2000 Class A, EN 61000-3-2:2000, EN 61000-3-3:1995/A1:2001, EN55024:1998/A1:2001

3. TERMINAL CONNECTION (接線圖)



4. DIMENSION (unit:mm) (外型尺寸)

