

# 薄型電阻隔離傳送器

(SLIM TYPE RESISTANCE ISOLATED TRANSMITTER)

MODEL  
STR



## ■特點(FEATURES)

- 精確度0.1%滿刻度 (Accuracy 0.1%F.S.)
- 多種輸入輸出選擇(Wide selection of input/output range)
- 輸入與輸出絕緣耐壓 1.5仟伏特/1分鐘(Dielectric strength 1.5KVac/1 min.(input/output))
- 寬範圍交直流兩用電源設計(Wide input range for auxiliary power)
- 尺寸小、穩定性高(Dimension small & High stability)

## 1.MODEL:STR-□ □ □ □

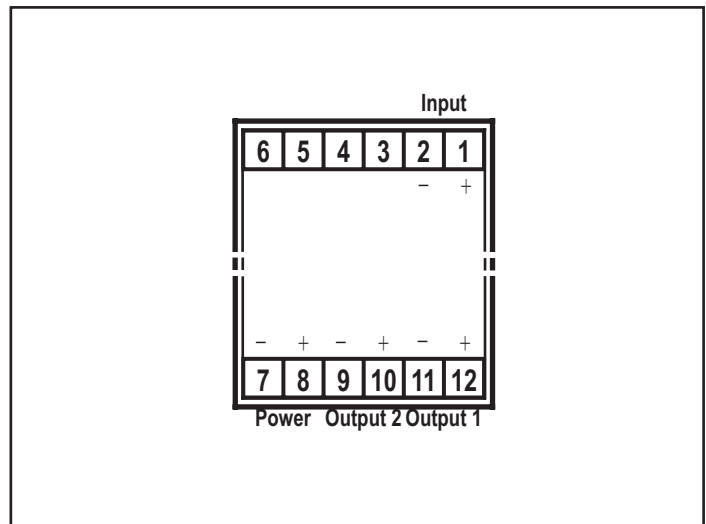
(選購型號)

NO	Input Range	NO	Input Range	NO	Output 1 Range	NO	Output 2 Range	NO	Aux. Power
1	0~100 ohm(<10mA)	6	0~10K ohm(<100uA)	C	1~5V	N	None	A	AC/DC 18~60V
2	0~500 ohm(<2mA)	7	0~100K ohm(<10uA)	D	0~10V	C	1~5V	B	AC/DC 90~260V
3	0~1K ohm(<1mA)	9	SPECIFIED	F	0~1mA	D	0~10V		
4	0~2K ohm(<500uA)		• Input Range(Sensor Current)	I	4~20mA	I	4~20mA		• Less 4VA for AC/DC input
5	0~5K ohm(<200uA)			R	SPECIFIED	R	SPECIFIED		

## 2.SPCIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. (23±5°C)  
(精確度)
- Sensor exciting current : 0~100 ohm(<10mA)  
(電阻量測電流) 0~500 ohm(<2mA)  
0~1K ohm(<1mA)  
0~2K ohm(<500uA)  
0~5K ohm(<200uA)  
0~10K ohm(<100uA)  
0~100K ohm(<10uA)
- Response time : <250ms (0~90%)  
(輸出反應時間)
- Output drive capability : <10mA for voltage mode  
(輸出負載能力) <10V for current mode
- Output ripple(p-p) : <0.1% F.S.  
(輸出漣波)
- Zero (offset) range : 0~±5% F.S.  
(歸零調整範圍)
- Span (scale) range : 0~±10% F.S.  
(最大值調整範圍)
- Temp. coefficient : 100ppm/°C (0~50°C)  
(溫度係數)
- Isolation : Input/Output1/Output2/Power/Case  
(隔離特性)
- Insulation Resistance : >100M ohm with 500V DC  
(絕緣阻抗)
- Dielectric strength : 1.5KVac/1 min. (input/Output1/Output2/power)  
(絕緣耐壓能力) 1200Vdc (input/Output1/Output2)
- Operating condition : 0~60°C (20 to 90% RH non-condensed)  
(使用環境條件)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)  
(存放環境條件)
- Construction : 35mm DIN rail (EN50022)  
(安裝方式)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A  
(CE 認證) EN 61000-3-2:2000  
EN 61000-3-3:1995/A1:2001  
EN 55024:1998/A1:2001

## 3.TERMINAL CONNECTION (接線圖)



## 4.DIMENSION (unit:mm) (外型尺寸)

