

薄型電位計隔離傳送器

(SLIM TYPE POTENTIOMETER ISOLATED TRANSMITTER)

MODEL
STK



■特點(FEATURES)

- 精確度0.1%滿刻度 (Accuracy 0.1%F.S.)
- 寬輸入範圍200ohm至50Kohm(Wide input range from 200ohm to 50Kohm)
- 多種輸入輸出選擇(Wide selection of input/output range)
- 輸入與輸出絕緣耐壓 1.5KV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)

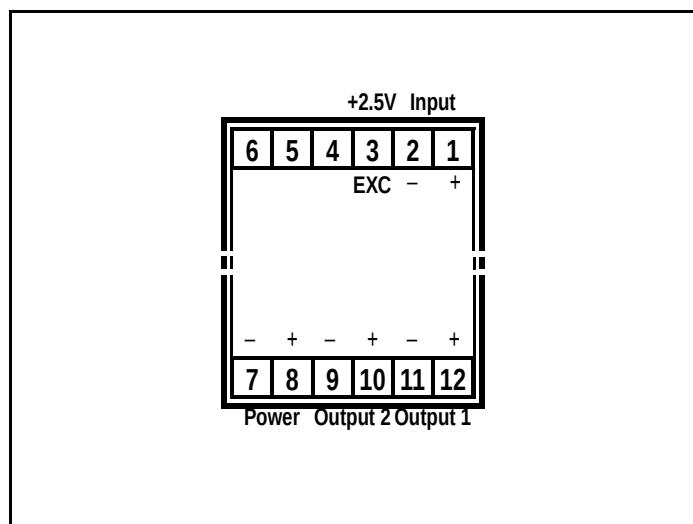
1.MODEL:STK-☐☐☐ (選購型號)

NO	Input Range	NO	Input Range	NO	Output 1 Range	NO	Output 2 Range	NO	Aux. Power
1	0~10%	6	5~95%	C	1~5V	N	None	A	AC/DC 18~60V
2	0~25%	7	0~100%	D	0~10V	C	1~5V	B	AC/DC 90~260V
3	0~50%	9	SPECIFIED	F	0~1mA	D	0~10V	• Less 4VA for AC/DC input	
4	0~90%	• Exciting Voltage DC2.5V(<12.5mA)		I	4~20mA	I	4~20mA		
5	10~90%			R	SPECIFIED	R	SPECIFIED		

2.SPICIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. (23 ± 5)
(精確度)
- 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/ (0-50)
(溫度係數)
- Isolation : Input/Output1/Output2/Power/Case
(隔離特性)
- Insulation Resistance : >100Mohm 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 (20 to 90% RH non-condensed)
(使用環境條件)
- Storage condition : 0-70 (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 CONECTION (接線圖)



4.DIMENSION (unit:mm) (外型尺寸)

