

# 超薄型電位計隔離傳送器

( ULTRA SLIM TYPE POTENTIOMETER ISOLATED TRANSMITTER )

MODEL  
SSTK



## ■特點(FEATURES)

- 精確度0.1%滿刻度 (Accuracy 0.1%F.S.)
- 寬輸入範圍500 ohm至50 Kohm(Wide input ranges form 500 ohm to 50 kohm)
- 開關式多種直流輸出規畫功能(Wide switchable select DC output ranges over 20 standard process signal)
- 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:SSTK-□ □ □ (選購型號)

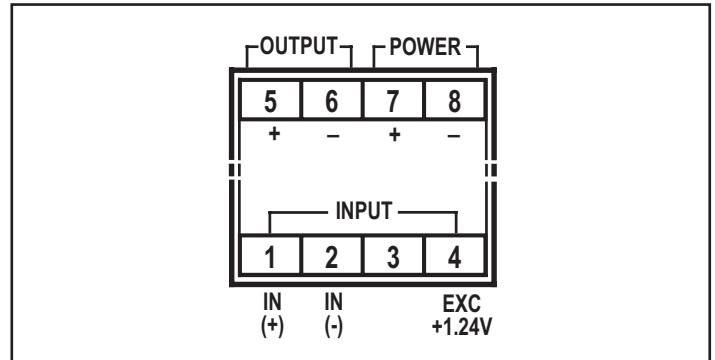
NO	Input Range	NO	Output Range	NO	Output Range	NO	Aux.Power
1	0~10%	A	0~0.5V	J	0~1mA	A	DC20~60V
2	0~25%	B	0~1V	K	0~2mA	B	AC/DC90~240V
3	0~50%	C	0~2V	L	0~5mA	• Less 0.8VA for AC/DC input	
4	0~90%	D	0~4V	M	1~5mA		
5	10~90%	E	0~5V	N	0~10mA		
6	5~95%	F	1~5V	O	0~16mA		
7	0~100%	G	0~8V	P	0~20mA		
9	SPECIFIED	H	0~10V	Q	4~20mA		
		I	2~10V	R	SPECIFIED		

• Exciting voltage DC1.24V(<2.75mA)

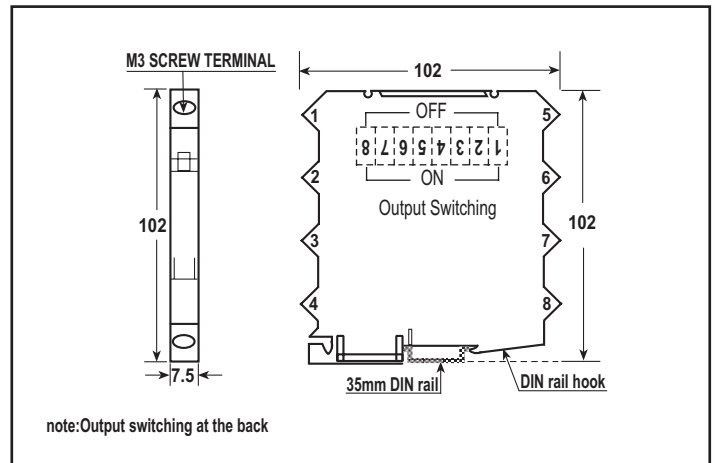
## 2.SPCIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. (23±5°C)  
(精確度)
- Exciting voltage(current) : DC1.24V±10%(<2.75mA)  
(電位計電源)
- Response time : <250ms (0~90%)  
(輸出反應時間)
- Output drive capability : <10mA for voltage mode  
<10V for current mode  
(輸出負載能力)
- Output ripple(p-p) : <0.1% F.S.  
(輸出漣波)
- Zero (offset) range : 0~±5% F.S.(VR adjustable)  
(歸零調整範圍)
- Span (scale) range : 0~±10% F.S.(VR adjustable)  
(最大調整範圍)
- Temp. coefficient : 100ppm/°C (0~50°C)  
(溫度係數)
- Isolation : Input/Output/Power/Case  
(隔離特性)
- Insulation Resistance : >100M ohm with 500V DC  
(絕緣阻抗)
- Dielectric strength : 1.5KVac/1 min. (input/Output/power)  
1200Vdc (input/Output1/Output2)  
(絕緣耐壓能力)
- 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)
- Terminal type : M3 screw terminal  
(接線端子型式)
- 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)



## 5.OUTPUT SWITCHING TABLE (switching status 1=on ; 0=off)

Output range	1-2-3-4-5-6	7-8	Output range	1-2-3-4-5-6	7-8
0~0.5V	0-1-1-1-1-0	1-1	0~1mA	0-1-1-1-1-0	0-0
0~1V	1-0-1-1-1-0	1-1	0~2mA	1-0-1-1-1-0	0-0
0~2V	1-1-0-1-1-0	1-1	0~5mA	0-1-0-1-1-0	0-0
0~4V	1-1-1-0-1-0	1-1	1~5mA	1-1-0-1-1-1	0-0
0~5V	1-0-1-0-1-0	1-1	0~10mA	1-0-1-0-1-0	0-0
1~5V	1-1-1-0-1-1	1-1	2~10mA	1-1-1-0-1-1	0-0
0~6V	1-1-0-0-1-0	1-1	0~16mA	1-1-1-1-0-0	0-0
0~8V	1-1-1-1-0-0	1-1	0~20mA	1-1-0-1-0-0	0-0
0~10V	1-1-0-1-0-0	1-1	4~20mA	1-1-1-1-0-1	0-0
2~10V	1-1-1-1-0-1	1-1			