

電位計隔離傳送器

(POTENTIOMETER ISOLATED TRANSMITTER)

MODEL
TK



■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 ranges 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 2仟伏特/1分鐘(Dielectric strength 2KVac/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 and High stability)

1.MODEL:TK-□□□ (選購型號)

NO	Input Range	NO	Input Range	NO	Input Range	NO	Output Range	NO	Output Range	NO	Output Range	NO	Aux. Power
1	0~10%	4	0~90%	7	0~100%	A	0~50mV	E	2~10V	I	4~20mA	A	AC/DC 18~60V
2	0~25%	5	10~90%	9	SPECIFIED	B	0~1V	F	0~1mA	R	SPECIFIED	B	AC/DC 90~260V
3	0~50%	6	5~95%			C	1~5V	G	0~10mA			C	AC110V(50/60Hz)±20%
												D	AC220V(50/60Hz)±20%
•Exciting Voltage 2.5VDC(<12.5mA)												•Less 3VA for AC/DC input	

2.SPECIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. (23±5°C)
(精確度)
- Exciting voltage(current): 2.5VDC(<12.5mA)
(電位計電源)
- 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/Output/Power/Case
(隔離特性)
- Insulation Resistance : >100M ohm with 500V DC
(絕緣阻抗)
- Dielectric strength : 2KVac/1 min. (input/output/power)
(絕緣耐壓能力) 1600Vdc (input/output)
- 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 : Socket/plugin type with barrier terminals
(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)

EXC		Input	
6	5	4	3
2.5V		-	+
+	-	+	-
7	8	1	2
Power		Output	

4.DIMENSION(unit:mm) (外型尺寸)

