

(POTENIOMETER ISOLATED TRANSMITTER)

MODEL
TK



(FEATURES)

- (Accuracy 0.1% F.S.)
- (Wide input ranges from 200ohm to 50Kohm)
- (Wide selection of input/output range)
- (Dielectric strength 2KVac/1 min.(input/output))
- (Wide input range for auxiliary power)
- (Dimension small and High stability)

1.MODEL:TK-

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)
						D	0~10V	H	0~20mA			D	AC220V(50/60Hz)
Exciting Voltage 2.5VDC(<12.5mA)												Less 3VA for AC/DC input	

2.SPECIFICATION

- Measuring accuracy : 0.1% F.S. (23 ± 5)
- Input resistance : >100Mohm (<2V range)
>1Mohm (>2V range)
<10 ohm (current input)
- Maximum input : <300Vrms (>2V ranges)
<150Vrms (<2V ranges)
<150mA (current ranges)
- Response time : <250ms (0-90%)
- Output drive capability : <10mA for voltage mode
<10V for current mode
- Output ripple(p-p) : <0.1% F.S.
- Zero (offset) range : 0- ± 5% F.S.
- Span (scale) range : 0- ± 10% F.S.
- Temp. coefficient : 100ppm/ (0-50)
- Isolation : Input/Output/Power/Case
- Insulation Resistance : >100Mohm with 500V DC
- Dielectric strength : 2KVac/1 min. (input/output/power)
1600Vdc (input/output)
- Operating condition : 0-60 (20 to 90% RH non-condensed)
- Storage condition : 0-70 (20 to 90% RH non-condensed)
- Construction : Socket/plugin type with barrier terminals
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3.TERMINAL CONNECTION

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

4.DIMENSION(unit:mm)

