

# POTENTIOMETER 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

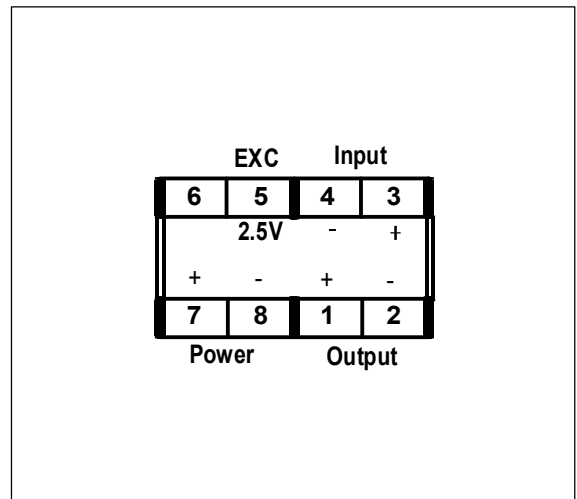
## 1.MODEL:TK-( ) ( ) ( )

| 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       |    |              |    | # Less 3VA for AC/DC input |
| # Exciting Voltage 2.5VDC (<12.5mA) |             |    |             |    |             | D  | 0-10V        | H  | 0-20mA       |    |              |    |                            |

## 2.SPECIFICATION

- # Measuring accuracy : 0.1% F.S. (23±5°C)
- # 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/°C (0-50°C)
- # Isolation : Input/Output/Power/Case
- # Insulation Resistance : >100M ohm with 500V DC
- # Dielectric strength : 2KVac/1 min. (input/output/power)  
1600Vdc (input/output)
- # Operating condition : 0-50°C(20 to 90% RH non-condensed)
- # Storage condition : 0-70°C(20 to 90% RH non-condensed)
- # Construction : Socket/plugin type with barrier terminals

## 3.Terminal conection



## 4.Dimension(unit:mm)

