

DUAL OUTPUT POTENTIOMETER ISOLATED TRANSMITTER

MODEL
DTK



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/output1/output2)
- Wide input range for auxiliary power
- Dimension small and High stability

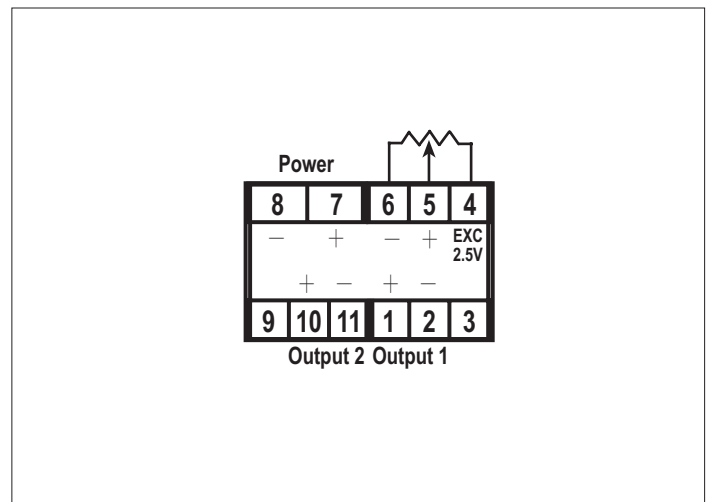
1.MODEL:DTK-□ □ □ □

| 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 | C | 1~5V | A | AC/DC 18~60V |
| 2 | 0~25% | 7 | 0~100% | D | 0~10V | D | 0~10V | B | AC/DC 90~260V |
| 3 | 0~50% | 9 | SPECIFIED | F | 0~1mA | F | 0~1mA | • 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.SPCIFICATION

- Measuring accuracy : 0.1% F.S. (23±5°C)
- Exciting voltage(current): 2.5VDC(<12.5mA)
- 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/Output1/Output2/Power/Case
- Insulation Resistance : >100M ohm with 500V DC
- Dielectric strength : 2KVac/1 min. (input/output1/output2/power)
1600Vdc (input/output)
- Operating condition : 0~60°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
- 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



4.DIMENSION(unit:mm)

