

POTENTIOMETER TRANSMITTER (mini-size)

MODEL
TWK



FEATURES

- Accuracy $\pm 0.025\%$ F.S.
- Wide input range from 200 ohm to 50Kohm
- Field-rangeable supply voltage from 10 to 30V
- Dimension mini-size(51.5x22.2x19.3mm)
- Low cost and high stability
- CE EMC certification

RoHs

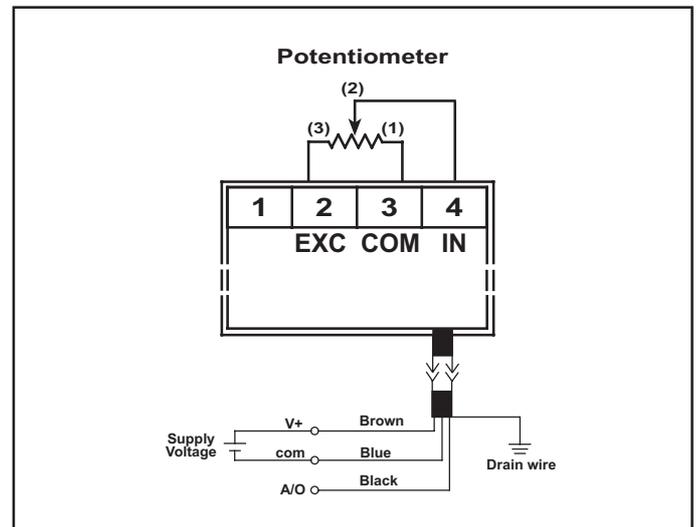
1. MODEL: TWK-

NO	Input Range	NO	Input Range	NO	Output Range	NO	Output cable length
1	5~95%	3	0~100%	C	DC1~5V	2	2M(standard)
2	10~90%	9	SPECIFIED	D	DC0~10V	9	Customer
• Resistance range 300 ohm~50Kohm				T	DC4~20mA	• 3cond. + shield, #28AWG, PVC	
				R	SPECIFIED		

2. SPECIFICATION

- Measuring accuracy : $\pm 0.025\%$ F.S. ($23 \pm 5^\circ\text{C}$)
- Sensor power supply : DC 2.5V (<12.5mA)
- Output current (supply voltage) : DC 10 to 30V (Output DC 4~20mA/1~5V)
DC 14 to 30V (Output DC 0~10V)
- Output load capability : >1Kohm (Voltage output)
<[(Vs-8V)/0.02A]ohm (Current output)
- Response time : <50ms (0~90%)
- Output ripple (p-p) : <0.05% F.S.
- Zero (offset) range : $0 \sim \pm 20\%$ F.S.
- Span (scale) range : $0 \sim \pm 20\%$ F.S.
- Temp. coefficient : 25ppm/ $^\circ\text{C}$ (0~60 $^\circ\text{C}$)
- Insulation resistance : >100M ohm with 500Vdc
- Dielectric strength : 2KVac/1 min. (input/case)
- RFI protection : 2W-150MHz at 2 meter causes less than 0.5% change in output
- Operating condition : 0~60 $^\circ\text{C}$ (20 to 90% RH non-condensed)
- Storage condition : 0~70 $^\circ\text{C}$ (20 to 90% RH non-condensed)
- Input wire range : #14~#26AWG (0.2~2.0mm²)
- Case materials : PC+ABS
- 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)

