

RTD (Pt-100) ISOLATED TRANSMITTER

MODEL
TP



(FEATURES)

- Accuracy 0.1% F.S
- Wide selection of input/output range
- 3 wire configuration automatically compensate line resistance effects)
- Wide input range for auxiliary power
- Dimension small and High stability

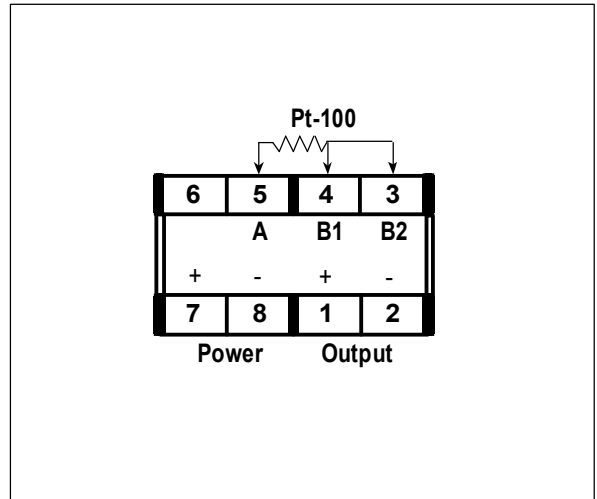
1.MODEL:TP-() () ()

NO	Input Range	NO	Input Range	NO	Input Range	NO	Output Range	NO	Output Range	NO	Output Range	NO	Aux. Power
1	0-50°C	4	0-400°C	7	-100-+100°C	A	0-50mV	E	2-10V	I	4-20mA	A	AC/DC 18-60V
2	0-100°C	5	0-800°C	9	SPECIFIED	B	0-1V	F	0-1mA	R	SPECIFIED	B	AC/DC 90-260V
3	0-200°C	6	-50°C-+50°C			C	1-5V	G	0-10mA				# Less 3VA for AC/DC input
# DIN standard (TCR:385ppm/°C)						D	0-10V	H	0-20mA				

2.SPECIFICATION

- # Measuring accuracy : 0.1% F.S. (23±5°C)
- # Sensing current : 2mA (<0.2V)
- # 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)

