

## Signal Converter



# TT10

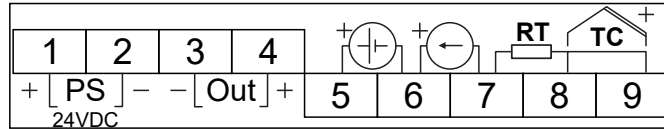
TT10 Model devices are Wall Mounted devices that convert the temperature information received from thermocouple or resistance thermometer type temperature sensors into 4-20mA Analog signals. these devices are used with 16-32VDC supply and 0 / 4-20mA or 0 / 2-10V analog output.

### Technical Specifications

Sensor Types	Thermocouple B,E,J,K,L,N,R,S,T,U Resistance Thermometer = Pt-100,Pt-1000 0/2-10V, 0/4-20mA
Thermocouple Input Impedance	10MΩ
Output	Current : 0/4-20mA - Voltage : 0/2-10VDC
Memory	100 Year, 100.000 Renewals
Accuracy	+/- 0,2%
Sampling Time	100 ms
Ambient Temperature	Working = -10...+55°C Storage = -20...+65°C

### Input Types

Sensor Type	Standard	Min.	Max.
Type-T ( Cu-Const )	IEC60584	-200 °C	300 °C
Type-U ( Cu-Const )	IEC60584	-200 °C	600 °C
Type-J ( Fe-Const )	IEC60584	-200 °C	800 °C
Type-L ( Fe-Const )	IEC60584	-200 °C	900 °C
Type-K ( NiCr-Ni )	IEC60584	-200 °C	1200 °C
Type-E ( Cr-Const )	IEC60584	-200 °C	1200 °C
Type-N ( Nicrosil-Nisil )	IEC60584	0 °C	1200 °C
Type-S ( Pt%10Rh-Pt )	IEC60584	0 °C	1500 °C
Type-R ( Pt%13Rh-Pt )	IEC60584	0 °C	1600 °C
Type-B ( Pt%18Rh-Pt )	IEC60584	0 °C	1800 °C
Pt-100	DIN 43760	-200 °C	850 °C
Pt-1000	DIN 43760	-70 °C	500 °C
0 / 4-20 mA		0 mA	20 mA
0 / 2-10 VDC		0 VDC	10 VDC



Product Code

Thermocouple Type Coding

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Input Options :

- 0 = mV, V, mA, T/C - RT (Pt100)
- 1 = mV, V, mA, T/C - RT (Pt1000)

Output Module :

- 1 = 0/4-20mA Current Output
- 2 = 0/2-10Vdc Voltage Output

Mounting Type :

- 0 = With fixed sensor with ambient measurement ( AISI 316 stainless, 6x30 mm )
- 1 = Wired Type

Cable Length :

- 0 = N/A
- 1 = 2 m
- 2 = 5 m
- 3 = 10 m
- 4 = 15 m
- 5 = 20 m
- 6 = 25 m
- 7 = 30 m
- 8 = 35 m
- 9 = 40 m