

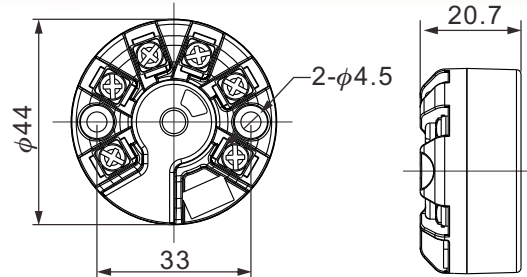
# FineTek TR160 Economical Series

## Temperature Transmitter

### Product Design



### Product Dimensions



### Features

- 24Vdc, 2wire 4~20mA output.
- Input signal: mV, V, mA, thermocouple, RTD or Ohms.
- Upscale Burnout function available.

### Specifications

Model	TR160 Economical
Power supply	10~36Vdc
Operating temp.	-40~85°C
Input voltage	0~100mV
Output Voltage	4~20mA · 20~4mA
TC types	K/ J/ T/ E/ R/ S/ B/ N
Input resistance	PT100Ω · 0~400Ω
Upscale output	default; 23mA

#### Parameters

Input types	Unit	Accuracy*
<b>Voltage</b>	0~100mV	≤ ±0.1mV
<b>B</b>	250 ~1820°C	≤ ±4°C
<b>E</b>	-200 ~1000°C	≤ ±3°C
<b>J</b>	-210 ~1200°C	≤ ±3°C
<b>K</b>	-200 ~1370°C	≤ ±3°C
<b>N</b>	-200 ~1300°C	≤ ±3°C
<b>R</b>	-50 ~1760°C	≤ ±3°C
<b>S</b>	-50 ~1760°C	≤ ±3°C
<b>T</b>	-200 ~400°C	≤ ±2°C
<b>Resistance</b>	0~400Ω	≤ ±0.4Ω
<b>PT100</b>	-200 ~850°C	≤ ±0.5°C

### How to order

TR-160-00-□□□□-□

<b>Input</b>	V---voltage T---thermocouple/RTD I---current R---ohm
<b>Display unit</b>	0---°C 1---°F 9---Other
<b>Input</b>	See the table below
<b>Range</b>	0---4-20mA 1---20-4mA

Input range	Unit	Input types		
<b>V</b>	0:V	01	DC Voltage	0~0.5V
		02	DC Voltage	0~1V
		03	DC Voltage	0~5V
		04	DC Voltage	0~10V
		05	DC Voltage	0~20V
<b>I</b>	0:mA	01	DC Current	0~20mA
		02	DC Current	4~20mA
<b>R</b>	0:Ohm	01	Resistance	0~400Ohm
<b>T</b>	0:°C 1:°F	00	ALL Type	
		01	K Type	-200°C~1370°C
		02	J Type	-210°C~1200°C
		03	T Type	-200°C~400°C
		04	E Type	-200°C~1000°C
		05	R Type	-50°C~1200°C
		06	S Type	-50°C~1200°C
		07	B Type	250°C~1820°C
		08	N Type	-200°C~1300°C
		09	PT100	-200°C~850°C

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