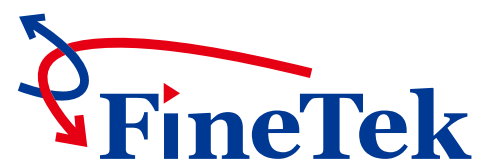




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Temperature Transmitter



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SPECIFICATIONS

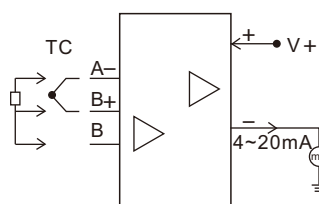


TYPE

TR160 Series

Economical type

Input : RTD, TC,
Rohm, mV,
Linear Current,
Linear Voltage



Function summary

Features:

Power supply(Vdc)	18~36V
Ambient temp. range(°C)	-40~85
Isolation	None
Channels	1
CJC accuracy(°C)	± 1

Input:

PT100 Span /min. span(°C)	-200~850 / 10
Rohm Span /min. Span(Ω)	0~400 / 5
TC types	B, E, J, K, N, R, S, T
Linear Current, signal range	0~20mA, 4~20mA
Linear Voltage, signal range	0~0.5V, 0~1V, 0~5V, 0~10V, 0~20V

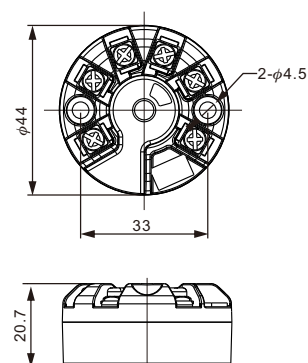
Output:

Loop Power 2-wire output	4~20mA/20~4mA
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Technical summary

	Basic Accuracy	Temperature Coefficient
PT100(-200~850°C)	$\leq \pm 1^{\circ}\text{C}$	$\leq \pm 0.005^{\circ}\text{C}$
Rohm	$\leq \pm 0.4\Omega$	$\leq \pm 0.005^{\circ}\text{C}$
TC type: E, J, K, N	$\leq \pm 3^{\circ}\text{C}$	$\leq \pm 0.04^{\circ}\text{C}$
TC type: B	$\leq \pm 4^{\circ}\text{C}$	$\leq \pm 0.01^{\circ}\text{C}$
TC type: R, S	$\leq \pm 3^{\circ}\text{C}$	$\leq \pm 0.04^{\circ}\text{C}$
TC type: T	$\leq \pm 2^{\circ}\text{C}$	$\leq \pm 0.01^{\circ}\text{C}$
Voltage	$\leq \pm 0.1\text{mV}$	$\leq \pm 0.005^{\circ}\text{C}$

Dimensions



(Unit: mm)

MODEL NUMBER / ORDER CODE COMPARISON TABLE

Model Number	Order Code
TR160	TRX20100-A

ORDER INFORMATION

TRX 2 0 1 0 0 - A ^⑩_□ ^⑪_□ ^⑫_□ ^⑬_□

⑩ ⑪ Input range

V1: 0~0.5V
 V2: 0~1V
 V3: 0~5V
 V4: 0~10V
 V5: 0~20V
 I1: 4~20mA
 I2: 0~20mA
 T1: ALL
 T2: K Type -200°C~1370°C
 TK: K Type -90°C~320°C
 T3: J Type -210°C~1200°C
 TJ: J Type -90°C~320°C
 T4: T Type -200°C~400°C
 T5: E Type -200°C~1000°C
 T6: R Type -50°C~1760°C
 T7: S Type -50°C~1760°C
 T8: B Type -250°C~1820°C
 T9: N Type -200°C~1300°C
 TA: PT 100 -200°C~850°C
 R1: 0~400 Ω

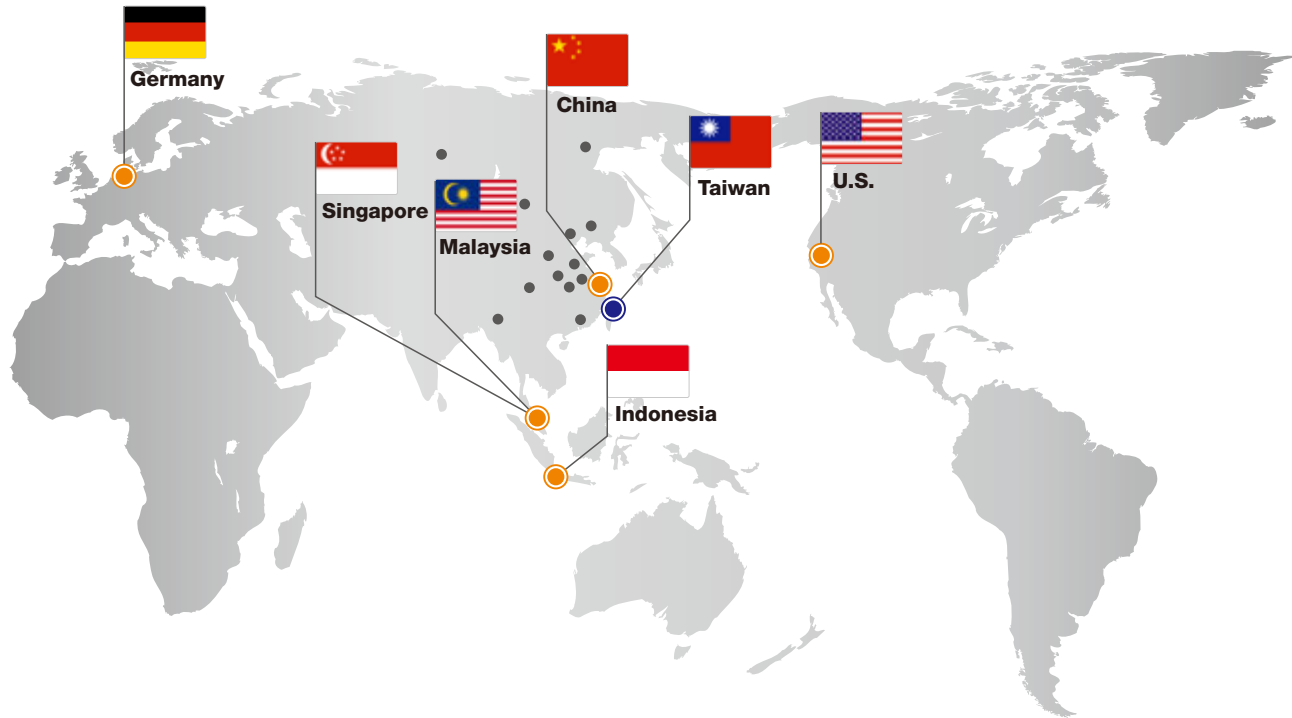
⑫ Analog output

1: 4~20mA
 2: 20~4mA

⑬ Display unit

A: °C
 B: °F

Global Network



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