

TEMPERATURE

1000 OHM RTD RANGEABLE TRANSMITTER T5U, T63U SERIES



DESCRIPTION

The **Kele Models T5U and T63U Transmitters** are field rangeable, two-wire 4-20 mA RTD transmitters designed for use with Type 5 nickel-iron sensors, the Precon Type 63 sensors, or the JCI **TE6300** Series. Each one delivers reliable and accurate performance for a wide variety of applications. This transmitter can be combined with any Type 63 Precon sensors incorporating the optional "XW" weather resistant box for a one package application solution.

To adjust the temperature transmitter, set the DIP switches to match the desired range, and use the zero and span pots to fine tune. A high accuracy digital ohmmeter and decade box are required.

FEATURES

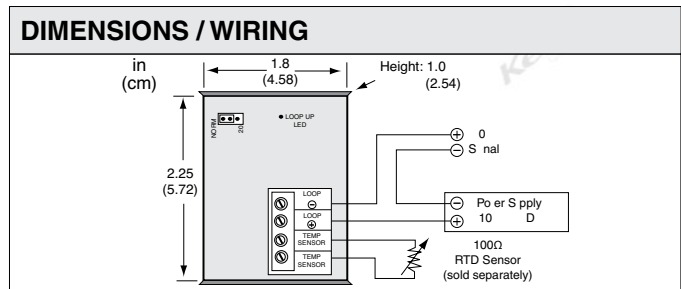
- Dip switch rangeable
- Loop calibration test signal
- Low cost
- Snap-track mounting
- Loop-powered LED indication
- Conformal coated

APPLICATION

- Transmitter for Invensys 1000Ω Nickel-Iron RTDs
- Transmitter for Johnson Controls 1000Ω Nickel RTDs
- Transmitter for Precon's Type 63 RTDs



T63U



SPECIFICATIONS

Supply Voltage	10.5-45 VDC	Operating Temperature	0° to 140°F (-18° to 60°C)
Accuracy	0.2°F or 0.4% of span	Operating Humidity	0 to 90% noncondensing
Signal Output	4-20 mA @ 675Ω, loop-powered	Dimensions	1.8"W x 2.25"L x 1"H (4.6 x 5.7 x 2.54 cm)
Sensor Element	1000Ω Nickel RTD	Weight	0.16 lb (0.09 Kg)
Rangeability		Approval	CE
Zero	-30° to 210°F (-34.4° to 98.9°C)	Warranty	1 year
Minimum Span	40°F (22°C)		
Usable Range	-30° to 250°F (-34.4° to 121.1°C)		

ORDERING INFORMATION

MODEL	DESCRIPTION
T5U	4-20 mA 1000Ω nickel-iron RTD transmitter
T63U	4-20 mA 1000Ω nickel RTD transmitter
RANGE	
2	-20° to 140°F (-29° to 60°C)
3	0° to 100°F (-18° to 38°C)
4	30° to 240°F (-1° to 116°C)
XR†	Special range (see specifications for rangeability limits)

T63U - **2** Example: T63U-2 transmitter for 1000Ω nickel RTD with range of -20° to 140°F

† Indicate at time of order

RELATED PRODUCTS

DCPA-1.2	Power supply, 120 VAC IN to 24 VAC/24 VDC OUT
DCP-1.5-W	Power supply, 24 VAC IN to 24 VDC OUT