



350TN

Type of Instrument	RTD Transmitter
Input Signal	100 ohm and 200 ohm RTD
Output	4-20 mADC
Power Supply	120 VAC +/-10% 60 Hz +/- 2%
Power Consumption	<5w
Accuracy	+/- 0.1% Span
Repeatability	0.1% Span
Line Voltage Effect	<0.5% for a +10% line voltage change
Temperature Effect	180 ppm/Deg C
Ambient Temperature Range	4-50 Deg C
Mounting	Surface / Bulk Head
Terminations	Screw Terminal
Enclosure	Nema 1

The 350TN is a form-fit-function replacement of the Transmation model 350T. It makes use of the same case design, the same terminations, but has updated electronics. This makes the 350TN the ideal replacement for nuclear plant applications where the documentation changes are demanding.

The 350TN can accept resistance spans from 10 to 400 ohms. The RTD types can be Platinum, Nickel or Copper. The standard output is 4-20 mADC although 10-50 mADC can be ordered as a factory configured option.

The low bridge current used on the 250TN avoids self heating of the RTD, thereby giving the user a more reliable reading. The output current is from a true current source and can supply 4-20 mADC into a load of up to 900 ohms.

