

310 SERIES THERMISTOR SENSORS

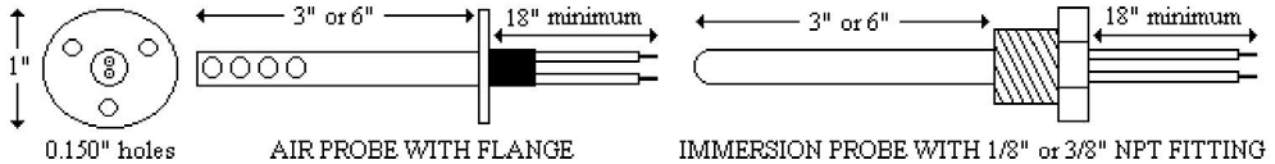


The 310 series thermistor sensors must be wired in series with a 320 series setpoint adjuster. The total resistance is 2200 ohms when the sensor temperature equals the setpoint. The NTC thermistor increases resistance as temperature decreases.

For use with:

NOT for use with:

- A Series Master SCR
- M Series Master SCR
- S10 Master Step Controller
- B Series Slave SCR
- S Series Slave SCR
- S10 Slave Step Controller



HOW TO ORDER

Series	Probe Type & Availability	Temperature	Material	Length	Diameter
310-10	10 = air probe with flange (stainless steel only)	21 = 0-100°F	C = copper	03 = 3.0"	B = 0.275" typical
	40 = 3/8" NPT immersion (all materials & lengths)	41 = 50-150°F	S = 304	06 = 6.0"	
	41 = 1/8" NPT immersion (3" lengths only)	43 = 50-180°F	stainless steel		
		47 = 100-210°F			
		51 = 120-250°F			
		55 = 150-250°F			

Part Number Format: 310-10-10-21-C03B

Temperature	Resistance at 77°F	Change in Resistance
21 = 0-100°F	1085 ohms +/- 10%	14.0 Ω / °F near 77°F
41 = 50-150°F	1248 ohms +/- 10%	9.5 Ω / °F near 125°F
43 = 50-180°F	1916 ohms +/- 10%	12.0 Ω / °F near 125°F
47 = 100-210°F	1248 ohms +/- 10%	6.5 Ω / °F near 150°F
51 = 120-250°F	2372 ohms +/- 10%	21.0 Ω / °F near 180°F
55 = 150-250°F	2990 ohms +/- 10%	14.5 Ω / °F near 180°F