

Thermocouples

International Colour Codes

Type	Conductor Combinations		Approximate Temperature Ranges		European Din IEC 584-3	British BS1843	American ANSI/MC96.1	German DIN 43714	French NF 42-323	Japanese JS C 1610-1961
	+ leg	- leg	Continuous	Short Term						
K	Nickel Chromium	Nickel Aluminium (magnetic)	0 to +1100°C	-180 to +1350°C						
J	Iron (magnetic)	Copper - Nickel	+20 to +700°C	-180 to +750°C						
R	Platinum - 13% Rhodium	Platinum	0 to +1600°C	-50 to +1700°C						
S	Platinum - 10% Rhodium	Platinum	0 to +1550°C	-50 to +1700°C						
T	Copper	Copper - Nickel	-185 to +300°C	-250 to +400°C						
E	Nickel - Chromium	Copper - Nickel	0 to +800°C	-180 to +850°C						
N	Nickel - Chromium - Silicon	Nickel - Silicon - Magnesium	0 to +1150°C	-180 to +1350°C						
B	Platinum - 10% Rhodium	Platinum	50 to +1600	-50 to +1750						