Thermocouple Colour Chart

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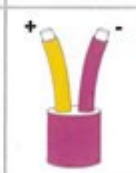
type	Conductor Combinations + leg	- leg	Approximate temperature ranges Continuous	Short Term	European DIN IEC 584-3	British BS 1843	American ANSI/MC96.1	German DIN 43714	French NF 42-323	Japanese JIS C 1610-1961
K	Nickel - Chromium	Nickel - Aluminium (magnetic)	0 to +1100	-180 to +1350						
J	Iron (magnetic)	Copper - Nickel	-185 to +300	-250 to +300						
R	Platinum - 13% Rhodium	Platinum	0 to +1550	-50 to +1700						
S	Platinum - 10% Rhodium	Platinum	0 to +1550	-50 to +1700						
T	Copper	Copper - Nickel	-185 to +300	-250 to +300						
V	Copper	Copper - Nickel	Used for interconnecting Type 'K' thermocouples as an alternative to Type 'K' material. Only used where the interconnection temperature is in the range 0°C to 80°C							
E	Nickel - Chromium	Copper - Nickel	0 to +800	-180 to +900						
N	Nickel - Chromium - Silicon	Nickel - Silicon - Magnesium	0 to +1550	-50 to +1700						
B	Platinum - 30% Rhodium	Platinum	0 to +1550	-50 to +1700						

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