




















Type	Conductors		Temperature Range		ANSI Color Code		IEC Color Code
	(+) Leg	(-) Leg	Min	Max	Thermocouple Grade	Extension Grade	Thermocouple Grade
J	Iron	Constantan	0°C	750°C			
K	Chromel	Alumel	-270°C	1250°C			
T	Copper	Constantan	-270°C	400°C			
E	Chromel	Constantan	-270°C	1000°C			
N	Nicrosil	Nisil	-270°C	1300°C			
R	Copper	Alloy 11	-50°C	1768°C	<i>None Established</i>		
S	Copper	Alloy 11	-50°C	1768°C	<i>None Established</i>		
B	Platinum- 30% Rhodium PT- 30%	Platinum- 6% Rhodium Pt- 6%	0°C	1820°C	<i>None Established</i>	