

Multi-Junction Thermocouple Standard Values

Instantaneous Temp (°C)	EMF on heating (mV)	EMF on cooling (mV)
25	0.0	0.0
30	1.15	1.15
40	1.57	1.56
50	1.99	1.99
60	2.42	2.42
70	2.86	2.86
80	3.31	3.31
90	3.77	3.77
95	4.14	4.14

Measured ~~and~~ Single Junction Thermocouple and Characteristics

Instantaneous Temperature (°C)	Measured (mV)	Standard EMF (mV)	Difference between measured and standard (mV)
25	0.0	0.0	0.0
30	0.80	1.13	0.33
40	1.05	1.57	0.52
50	1.45	1.99	0.54
60	2.00	2.42	0.42
70	2.35	2.86	0.51
80	2.80	3.31	0.51
90	3.30	3.77	0.41