

MAXIMUM TEMPERATURE RANGE

Thermocouple Grade

- 328 to 1652°F
- 200 to 900°C

Extension Grade

32 to 392°F
0 to 200°C

LIMITS OF ERROR

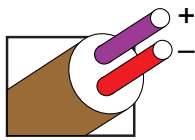
(whichever is greater)
Standard: 1.7°C or 0.5% Above 0°C
1.7°C or 1.0% Below 0°C
Special: 1.0°C or 0.4%

COMMENTS, BARE WIRE ENVIRONMENT:

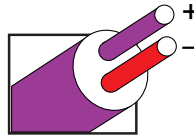
Oxidizing or Inert; Limited Use in Vacuum or Reducing; Highest EMF Change per Degree

TEMPERATURE IN DEGREES °C

REFERENCE JUNCTION AT 0°C



Nickel-Chromium
vs.
Copper-Nickel



Extension
Grade

Thermocouple
Grade

Revised Thermocouple
Reference Tables

TYPE
E

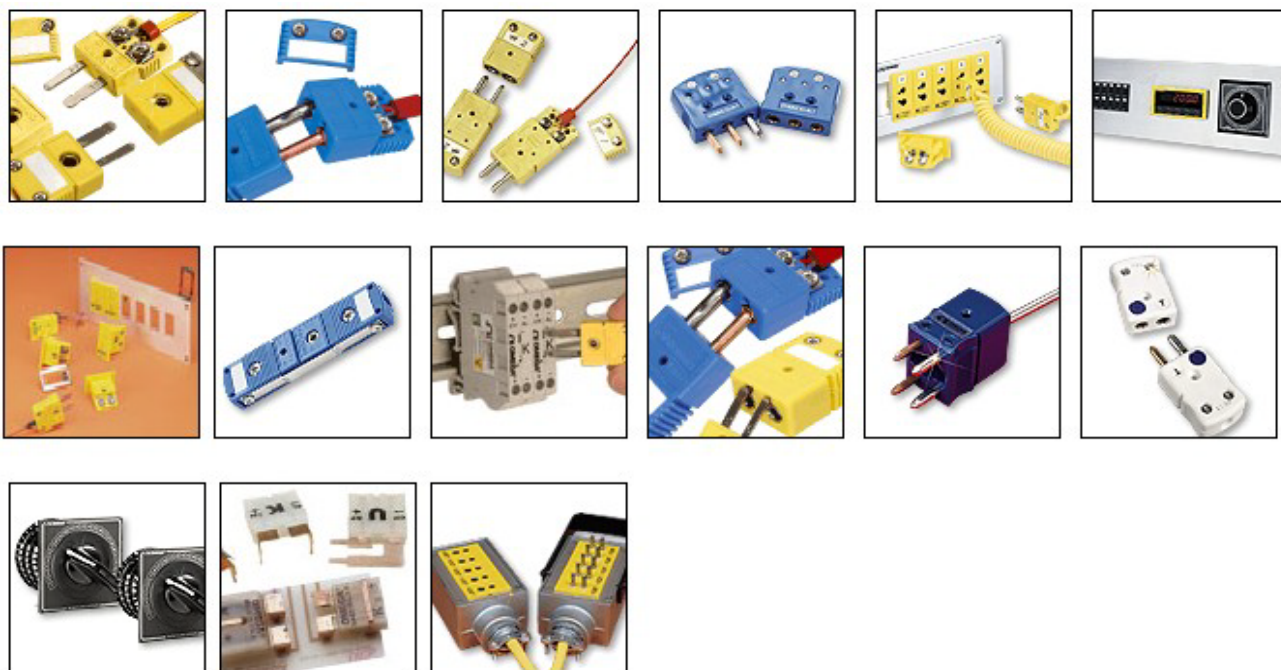
Reference
Tables
N.I.S.T.
Monograph 175
Revised to
ITS-90

Z

Thermoelectric Voltage in Millivolts

Table with columns for temperature in °C and °F, and rows for thermoelectric voltage in millivolts. The table is organized into two main sections: one for temperatures from -260°C to 140°C and another for 0°C to 940°C. Each section has columns for both Celsius and Fahrenheit scales.

一: [Omega热电偶连接器](#)



二: [Omega热电偶线及热电偶补偿导线](#)



三: [Omega热电偶](#)



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