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Thermosense

Temperature and Process Measurement

Thermocouple Conductor Combinations, Operating Range & Colour Coding

Thermocouple Type & Operating Range (Continuous)	Conductors + / -	International  IEC584.3:1989 (BS EN 60584.3)	British  BS1843 (now redundant)	American  ANSI MC96.1
K 0 to 1100°C	Nickel-Chromium Vs. Nickel-Aluminium Also known as Chromel Vs. Alumel and T1 Vs. T2			
KCB (Compensating For Type K) Connect between 0°C and 100°C	Copper Vs. Copper-Nickel Also known as Copper Vs. Constantan			
T -185 to 300°C	Copper Vs. Copper-Nickel Also known as Copper Vs. Constantan			
J 0 to 750°C	Iron Vs. Copper-Nickel Also known as Iron Vs. Constantan			
N 0 to 1200°C	Nicrosil Vs. Nisil			
E 0 to 800°C	Nickel-Chromium Vs. Copper-Nickel Also known as Chromel Vs. Constantan			
R 0 to 1600°C	Platinum 13% Rhodium Vs. Platinum			
S 0 to 1550°C	Platinum 10% Rhodium Vs. Platinum			
B 0 to 1600°C	Platinum 30% Rhodium Vs. Platinum 6% Rhodium			
RCA / SCA (Compensating For Type R / S) Connect between 0°C and 100°C	Copper Vs. Copper-Low Value Nickel			

Thermosense Limited *Exceeding expectations*

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