



Description & Features:

- Thermocouple assemblies for accurate industrial and process temperature measurements
- Types K, J, E, T & N thermocouple sensors available, offering wide temperature ranges
- Color coded single and dual wire elements for simplified installations
- General purpose and Explosion proof enclosures available; in aluminum, cast iron and stainless steel
- Spring loaded, nipple-union-union and welded constructions available
- Simplified terminations with ceramic terminal blocks or analog & networking transmitters available
- All thermocouple assemblies may be selected and engineered with thermowells
- 5 year warranty

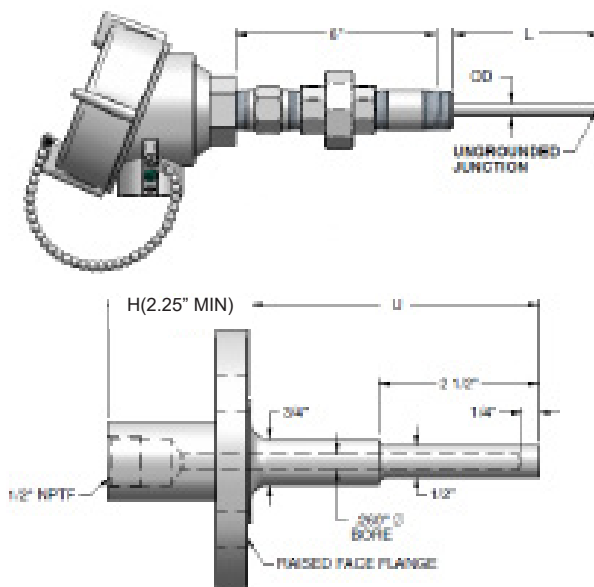
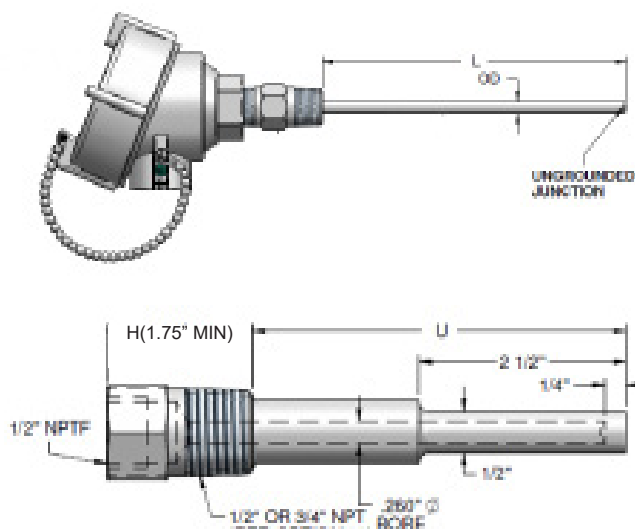
Applications:

- Used in standard industrial or plant environments including ovens, boilers and test chambers
- Designed for hazardous (classified) locations, such as wellheads, pipelines, reactors, mixing vessels and tanks

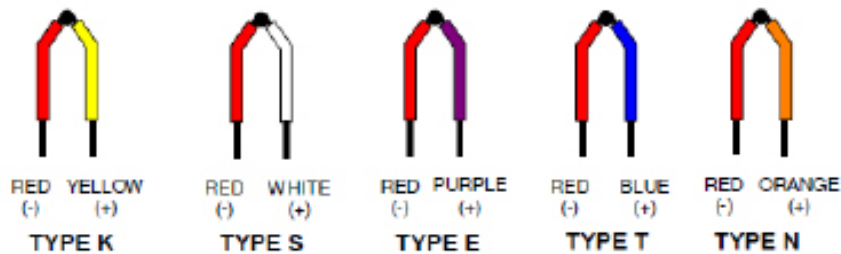
Specifications

Sensing Element	Thermocouple - type K, J, E, T and N. Others available upon request
Termination or Output Signal	Flying leads, ceramic terminal block, analog & networking transmitter outputs available
Accuracy	Class 1 or $\pm 1.5^{\circ}\text{C}$ / 2.7°F
Temperature Range	Type J @ 0 to 650°C / 32 to $1,202^{\circ}\text{F}$ Type K @ 0 to 870°C / 32 to $1,598^{\circ}\text{F}$ Type N @ 0 to 870°C / 32 to $1,598^{\circ}\text{F}$ Type T @ 0 to 370°C / 32 to 698°F Type E @ 0 to 650°C / 32 to $1,202^{\circ}\text{F}$
Sheath Material and Diameter	316SS in 1/8" or 1/4" or 6mm
Extension Material	Stainless Steel
Process Connection	1/2" NPT male fitting or nipple-union-nipple, welded or spring loaded
Conduit Connection	3/4" NPT female
Enclosure Rating	IP65 to IP66 - aluminum, cast iron and stainless steel - General purpose or Explosion proof
Approvals	Transmitter - isolated 4/20mA + HART, Intrinsically Safe Enclosure - FM, CSA, ATEX & IECEx

Description and Drawings



Wiring Diagram



Order Codes

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