eltec

EMPOWERING PROCESS MANAGEMENT

Jt TT THERMOCOUPLE WIRE:

K TYPE thermocouple wire is commonly used to link the thermocouple to control instrumentation. It may also be used to can used to connect to data loggers via thermocouple connectors.

APPLICATIONS	PRODUCT FEATURES
• *Extension Wire for J Type Thermocouple Sensor*	• *Continuous use up to 260 °C*
• *Aerospace & Cryogenics*	• *Single exposure up to 400 °C*
• *FDA Approved Products*	• *Inert to most chemical & fluids*
• *Chemicals & Pharmaceuticals*	• *Unaffected by lubricants*
• *Laboratories*	• *Flame Retardant*
• *Food Processing Plants*	• *Immune to agene fungus & water absorption*
• *Packaging*	• *Resistant to gamma radiation*

TYPE OF TC	Metal Alloy + ve leg	Metal Alloy – ve leg	Measuring Temp. Range	Thermal Tolerance as per *ASTM E 230 & ANSI MC 96.1 & IEC 60584 -2*
Jt - Thermocouple Grade	Iron, FE	Copper Nickel, Cu Ni	0 °C - 750 °C	***± 1.5 or 0.4% whichever is greater***

PRODUCT SPECIFICTIONS:	
Conductor	*J Type Thermocouple Grade as above, Size: 12 AWG to 24 AWG in solid and multi stranded*
Core Insulation	*PTFE Wrapped & fused over conductor*
Construction	*Parallel Conductors / Twisted Conductors*
No. of Pair	*1 / 2 or more*
Outer Sheath	*PTFE Wrapped & fused*
Color Coding	*Confirms to ANSI MC 96.1 +ve White -ve Red & Overall Black*

- *Optional outside SS METAL braid*
- *Optional Color coding: IEC 60584 – 3, BS 1843, DIN 13711, JIS C 1610 – 1981, NFC 42334 as per requirement.*
- *Optional construction of twisted conductors.*
- *Thermocouple wires are normally supplied to meet tolerance about 0 °C. If material is reqd. to meet tolerance below 0 °C, the purchaser should clarify the same in Purchase Order. Special selection of material is reqd.*
- *Initial calibration & Tolerance suggested, its requirement should be discussed well in advance before placing the order.*

ELTEC CABLES & INSTRUMENTS
16, Bhaktinagar Station Plot, Rajkot-360 002. INDIA.
Tel. : +91 281 2480400 URL : www.thermocouplewire.co.in
E-mail : eltecin@gmail.com I sales@thermocouplewire.co.in