

Ready-Made, Insulated Thermocouple Wire Sensors, Exposed-Junction (Spot Weld) *With Stripped Lead Ends or Connector*

TE-SENSING series offers high-quality, ready-made insulated thermocouple sensors designed to conveniently measure temperature in industrial application.

- Available in Convenient Single Piece, 5-Packs or 10 Packs
 - TE for 1 piece per pack
 - 5TE for 5 pieces per pack
 - 10TE for 10 pieces per pack
- Fast response, Exposed, Spot-Welded Hot-Junction
- Teflon, Fiberglass or PVC Insulation
- 20, 24, 30 and 36 AWG Wire Sizes
- With Integral, Flexible Strain Relief
- Standard 1 meter, 2 meters or Custom Lengths Available
- Stripped lead ends or with connectors
- Meets ANSI Special or Class 1 IEC584 accuracy
- Wire calibration available by request
- Special OEM Quantities by request



MEETS OR EXCEEDS
ANSI SPECIAL ACCURACY
SPECIAL LIMITS (SLE)
AND EN 60584-2:
Tolerance Class 1

**Custom Lengths,
Insulations, and
Configurations
Available**

Wire Insulation Identification and Application Guide

Code	Insulation	Abrasion Resistance	Flexibility	Water Submersion	Application Notes
TT	Teflon (200°C)	Excellent	Good	Excellent	Resistant to oils, acids and other adverse agents and fluids. Good for mechanical strength and flexibility.
GG	Fiberglass (350°C)	Poor	Good	Poor	Good for temperature but will not prevent absorption of fluids. Fairly flexible but does not provide good mechanical protection.
PP	Polyvinyl Chloride (PVC) (105°C)	Good	Excellent	Good	Good for general purpose insulation for light applications. Waterproof and very flexible.

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PACKING SIZE					
TE-SENSING	1 piece pack				
5TE-SENSING	5-piece pack				
10TE-SENSING	10-piece pack				
THERMOCOUPLE TYPE					
K	Thermocouple Type K				
J	Thermocouple Type J				
T	Thermocouple Type T				
CONDUCTOR WIRE SIZE					
20	20 AWG				
24	24 AWG				
30	30 AWG				
36	36 AWG (for TT and GG Insulation only)				
WIRE INSULATION					
TT	TE/TE (Teflon)				
GG	FG/FG (Fiberglass)				
PP	PVC/PVC (Polyvinyl Chloride)				
COLD-END TERMINATION					
SE	Stripped Ends				
CONN-M	Standard Male Connector (Round Pin)				
MINICONN-M	Miniature Male Connector (Flat Pin)				
WIRE LENGTH (IN METERS)					
1M	1 meter (40 inches)				
2M	2 meters (80 inches)				
CUSTOM	Custom length in meters				
					← Order Code
1	2	3	4	5	6