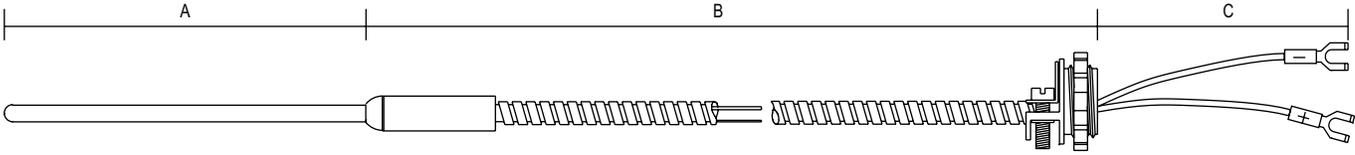
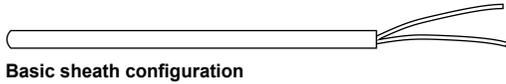


MINERAL INSULATED THERMOCOUPLES AND RTD'S

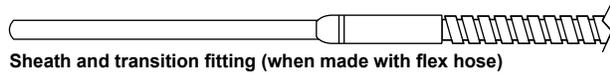


MINERAL INSULATED TRANSITIONS

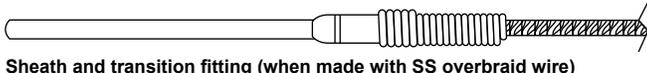
Due to the varying size of connection wire and cable, a transition fitting is used between the cold end of the sheath and the connecting wires. This fitting measures 1-1/4" long by 1/4" OD for 1/8" or smaller sheaths, and 1-1/2" long by 3/8" OD for 3/16" and 1/4" sheaths. Larger sheaths and sheaths terminating in connectors other than wire or cable do not require transition fittings.



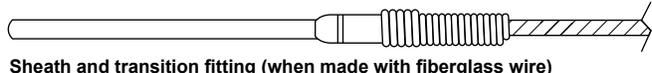
Basic sheath configuration



Sheath and transition fitting (when made with flex hose)



Sheath and transition fitting (when made with SS overbraid wire)



Sheath and transition fitting (when made with fiberglass wire)



Series R & 8 Mineral Insulated Thermocouples and RTD's are known for their excellent mechanical durability and resistance to electrical breakdown. Mineral Insulated Thermocouples can be bent to most any angle without special equipment.

MODEL CODING

Fill in the appropriate numbers or letters to specify the probe of your choice. Fill in all boxes. If an item or dimension does not apply, fill those boxes with zeros '0'.

		RTD TYPE											
		2: 2-wire; Class B											
		3: 3-wire; Class B											
		4: 4-wire; Class B											
		5: 2-wire; Class A											
		6: 3-wire; Class A											
		7: 4-wire; Class A											
SENSOR TYPE													
6: 100 Ω RTD: 0.00385 Ω/°C													
4: 100 Ω RTD: 0.00392 Ω/°C													
R	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
				A		AA		B		C			
				IN 1/10 INCH		IN 1/10 INCH		IN INCHES		IN INCHES			
SENSOR TYPE	HARDWARE TYPE	EXTENSION TYPE	SENSOR TERMINALS	ELEMENTS	JUNCTION TYPE	SENSOR O.D.	BEND						
J: T/C	1: Plain sheath (304 SS)	0: Fiberglass singles	0: Stripped ends	1: Single	1: Grounded	1: 1/16"	1: None						
K: T/C	2: Plain sheath (316 SS)	1: Fiberglass insulation	1: Leads with #6 spade lugs	2: Dual	2: Ungrounded	2: 1/8"	2: 45°						
E: T/C	3: Inconel® 600 sheath	2: Fiberglass insulation with SS flex hose	2: Leads with #6 spade lugs and 1/2 BX	3: Standard plug	3: Exposed tip	3: 3/16"	3: 90°						
T: T/C		3: Fiberglass insulation with SS overbraid	3: Standard jack	4: Standard jack		4: 1/4"							
			6: Mini plug	6: Mini plug		5: 3/8"							
			7: Mini jack	7: Mini jack									
			8: Leads with 1/4" fastabs	8: Leads with 1/4" fastabs									
			9: Leads with 1/4" fastabs 1/2" BX	9: Leads with 1/4" fastabs 1/2" BX									
			A: 1/2" NPT hex nipple (316 SS)	A: 1/2" NPT hex nipple (316 SS)									
			B: 3/4" NPT hex nipple (316 SS)	B: 3/4" NPT hex nipple (316 SS)									
			C: 1/2" NPT hex bushing (316 SS)	C: 1/2" NPT hex bushing (316 SS)									
			D: 3/4" NPT hex bushing (316 SS)	D: 3/4" NPT hex bushing (316 SS)									

HEAD ASSEMBLY OPTIONS (3/4" NPT Conduit Connection)

- E: Screw cover head, AL with no process connection
- F: Screw cover head, plastic with no process connection
- G: Screw cover head, SS with no process connection
- H: Snap cover head, AL with no process connection
- I: Screw cover head, AL with 1/2" NPT process connection
- J: Screw cover head, plastic with 1/2" NPT process connection
- K: Screw cover head, SS with 1/2" NPT process connection
- L: Snap cover head, AL with 1/2" NPT process connection
- M: Screw cover head, AL with 3/4" NPT process connection
- N: Screw cover head, plastic with 3/4" process connection
- P: Screw cover head, SS with 3/4" process connection
- Q: Snap cover head, AL with 3/4" process connection

See table for **HEAD ASSEMBLY OPTIONS**