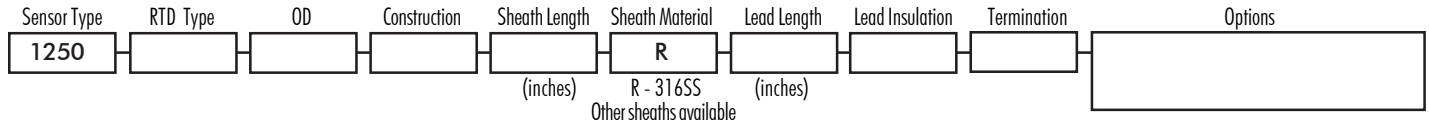


**Type 1250**



**SENSOR**

**RTD Type**

- RP 100 ohm Platinum Temperature  
Coefficient .00385 ohms/ohm/°C
- RN 120 ohm Nickel (Edison #7)  
Temperature Coefficient .00672  
ohms/ohm/°C
- RC 10 ohm Copper Temperature  
Coefficient .00427 ohms/ohm/°C

Other temperature coefficients and ohm values available.

Note: Three-wire, Grade B RTD is standard. Tolerance per ASTM E1137. Leadwire is nickel clad copper multistrand.

Color code: Platinum - Red/Red/White  
Nickel - Red/Red/Black  
Copper - Red/Red/Green

**Sensor OD**

- 18 1/8"
- 316 3/16"
- 14 1/4"
- 38 3/8"

**Construction**

- L Low Temp up to 500°F
- H High Temp up to 900°F
- M Mineral Insulated - 1100°F
- DL Dual Low Temp up to 500°F
- DH Dual High Temp up to 900°F
- DM Dual Mineral Insulated - 1100°F

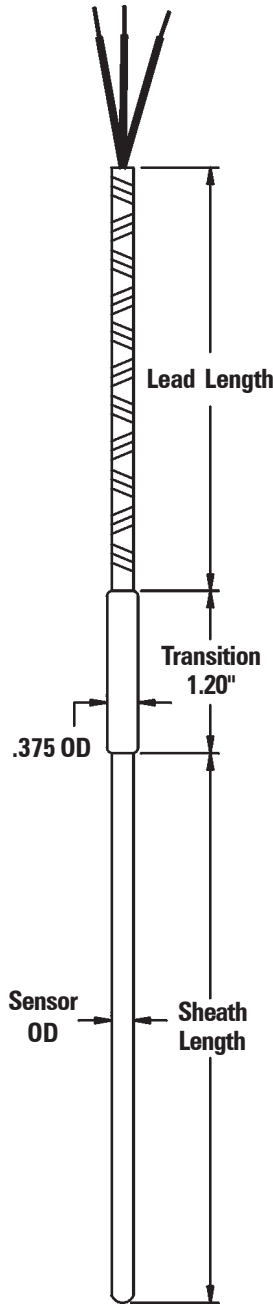
**Sensor Sheath Material**

- R 316SS
- Other sheaths available.

**LEAD INSULATION**

- M F Multi Strand (flexible) Fiberglass 20 ga.  
(use with high temperature)
- M T Multi Strand (flexible) Teflon® 20 ga.  
(use with low temperature)

Note: 1/8" OD - 24 gauge



Termination Code		
1	Bare Ends	
11	Spade Lugs Single element only	
12	Three Prong Plug	
13	Three Prong Jack	

**OPTIONS**

A	Armor (Stainless Steel)	BR14	Adj Brass Comp Fitting 1/4" NPT*	SS18	Adj SS Comp Fitting 1/8" NPT*
AP	Armor with PVC Jacket	BR12	Adj Brass Comp Fitting 1/2" NPT*	SS14	Adj SS Comp Fitting 1/4" NPT*
AT	Armor with Teflon® Jacket	BS	Bell Spring Transition Relief	SS12	Adj SS Comp Fitting 1/2" NPT*
BA	Bayonet Adapter (Adjustable)	CG12	Weather Tight Fitting 1/2" NPT	ST	Smooth Transition, (3/16" and longer)
BF	Bayonet Cap & Spring, (1/8" and 3/16" OD only) Note inches from cap to tip (fixed)	CR	Cryogenic (M Construction)	TA	Tube on Armor, (1/4" OD x 2" long)
BD45	45° Bend in Sheath - Note inches from bend to tip	DE12	Double Ended Hex Fitting 1/2" NPT	TF	Teflon® Coated Sheath
BD90	90° Bend in Sheath - Note inches from bend to tip	FW	Four-Wire (without connector)	VH	Vent Hole in Compression Fitting
BR18	Adj Brass Comp Fitting 1/8" NPT*	GA	Grade A Tolerance Per ASTM 1137	WC	Wire Clamp Bracket for Leads
		HTP	High Temperature Potting (Service over 400°F)	WP	Weld Pad (1" x 1" x 1/8" SS)
		HV	High Vibration (M Construction)		*Add T after SS or BR for Teflon® Ferrule
		SB	Stainless Steel Overbraided Leads		See page B-6 for complete option descriptions.