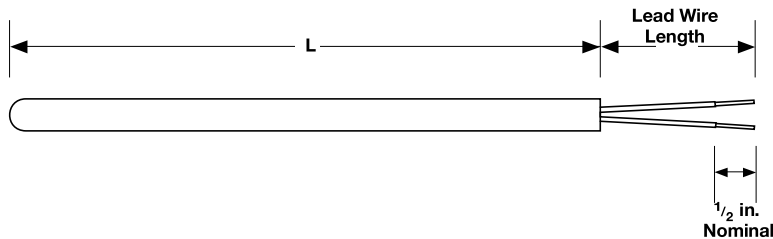


# Resistance Temperature Sensors



## RTDs

### Standard Industrial Insulated Leads Style RB



## Ordering Information

### Part Number

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
		Sheath O.D. (in.)	Lead Wire Const.	Fittings	Lead Wire Term.	Sheath Const.	Sheath Length "L" (in.)	Sheath Length "L" (fract. in.)	Element	Initial Element Accuracy	Lead Wire Length (ft)			
RB						A								0

③ Sheath O.D. (in.)	
G =	0.125
H =	0.188
J =	0.250
<b>Note:</b> 0.125 dia. supplied with 28 gauge wire. 0.188 and 0.250 dia. supplied with 24 gauge wire.	

④ Lead Wire Construction*			
	Standard	Overbraided	Flex Armor
Fiberglass stranded	A	J*	R*
PFA stranded	B	L*	T*
Certain option combinations must be furnished with a transition between the sheath and lead wire. Contact the factory if a transition is unacceptable.			
*May require a transition.			

⑤ Fittings	
If required, enter the order code from pages 76 to 77. If none enter "0".	

⑥ Lead Wire Termination	
A* =	Standard male plug 400°F (200°C)
B* =	Standard female jack
C* =	Standard plug with mating connector
J* =	Male miniature plug
K* =	Female miniature jack
L* =	Male/female mini set
T =	Standard leads
U =	Leads with spade lugs
* Requires two- or three-wire, single element only.	

⑦ Sheath Construction	
A =	316/316L SS

⑧ ⑨ Sheath Length "L" (in.)	
Available lengths: 02 to 36	

⑩ Sheath Length "L" (fractional in.)	
0 =	No fraction, whole inches
4 =	$\frac{1}{2}$ in.

⑪ Element			
	2-Wire	3-Wire	4-Wire
100Ω single	A	B	C
100Ω dual*	D	E	—
1000Ω single	J	K	L
* Available in 0.250 inch diameter only.			

⑫ Initial Element Accuracy @ 0°C	
A =	DIN Class A ( $\pm 0.06\%$ )
B =	DIN Class B ( $\pm 0.12\%$ )

⑬ ⑭ Lead Wire Length (ft)	
Whole feet: 01 to 99	
<b>Note:</b> Single wires for 4 feet and under. Duplex wires for over 4 feet.	

**Note:** Applies to low temperature RTD's only.

## Features and Benefits

### High accuracy

- Dependable readings

### Customized diameters

- From 0.125 to 0.250 inch

### Epoxy sealed

- Resists moisture and pull out
- Standard 500°F (260°C) potting

### Durable rigid sheath

- 316 stainless steel -58 to 500°F (-50 to 260°C)

### Internal heat transfer paste

- Quick time response