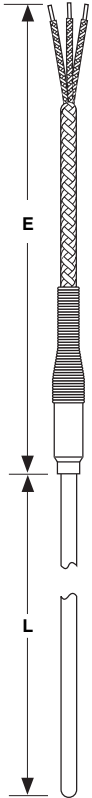


RTDs and Thermistors

RTD Style RF Metal Transitions



Features and Benefits

Stainless steel transitions

- Crimped to sheath and filled with 260°C (500°F) epoxy
- Optional brazing available

Coiled spring strain relief

- Protects lead wire against sharp bends in the transition area

Flexible mineral insulated construction

- Provides a bendable and highly durable sensor

Temperature rating

- -200 to 650°C (-328 to 1200°F)

High accuracy

- Dependable readings

Diameters available

- 0.125 to 0.250 inch O.D.

② Requires two- or three-wire only, single element only

Rapid Ship Sensors

Rapid Ship sensors come with 100Ω DIN 0.00385 curve, 316 stainless steel, 0.188 inch diameter, 24 AWG stranded Teflon® three-wire, four foot leads, temperature rating -200 to 650°C (-328 to 1200°F), standard split end lead termination and no mounting fittings. See page 166 to order additional connector hardware.

| Class Accuracy | Sheath Length in. (mm) | Part Number 4 foot (102 mm) Leads |
|----------------|------------------------|--------------------------------------|
| A | 3 (76) | RFHB0TK030BA040 |
| | 6 (152) | RFHB0TK060BA040 |
| | 9 (229) | RFHB0TK090BA040 |
| | 12 (305) | RFHB0TK120BA040 |

Custom Ordering Information—Items in **Bolded Green Type** are preferred with shorter lead times.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

R F

1-2. Style _____
 F = Metal transition with strain relief

3. Sheath O.D. (inch) _____
 G = 0.125
H = 0.188
J = 0.250

4. Lead Wire Construction _____
 Standard Overbraid Flex Armor
 Fiberglass Stranded **A** J R
 PFA or TFE Stranded **B** L T

5. Fittings _____
 If required, enter order code from pages 39 to 40.
If none, enter "0".

6. Lead Wire Termination _____
 A^② = Standard male plug
 B^② = Standard female plug
 C^② = Standard plug with mating connector
 J^② = Male miniature plug
 K^② = Female miniature jack
 L^② = Male/female mini set
T = Standard leads
 U = Leads with spade lugs

7. Sheath Construction _____
 316 SS Alloy 600
 Mineral Insulated **K** **L**

8-9. Sheath Length "L" (inch) _____
03, 06 and 12
 Whole inches: 03 to 99
 Metric lengths and lengths over 99 inches consult factory.

10. Sheath Length (fractional inch) _____
0 = No fraction, whole inches
 1 = ¼ 3 = ⅜ 5 = ½ 7 = ¾
 2 = ¼ 4 = ½ 6 = ¾

11. Element _____
 2-wire 3-wire
 100Ω Single A **B**

12. Temperature Coefficient _____
 DIN 0.00385
A = Class A
B = Class B

13-14. Lead Wire Length "E" (foot) _____
02 and 04
 Whole feet: 01 to 99

15. Special Requirements _____
0 = None
 X = Special requirements, consult factory