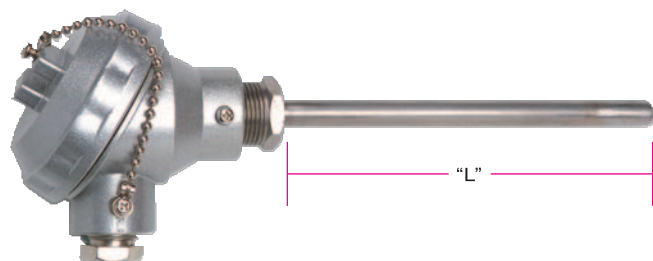


## Style RTD6 — Connection Head



**Optional Installation  
Compression Fitting**  
See Box 10

### Ordering Information

RTDs are offered with the options listed in the worksheet below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

### Design Features

- \* Platinum Resistance Element in single or dual circuit.
- \* HK's connection heads are gasketed to seal against moisture, dust and corrosive or hostile atmospheres.
- \* Screw covers are attached to body with a stainless steel chain and screws.
- \* HK's connection heads are available in die cast aluminum, cast iron, stainless steel and Bakelite. Explosion proof heads are also available in aluminum and stainless steel.

### Two Construction Styles to Suit Any Application (See Ordering Code Box 9)

- \* Standard Industry Tube and Wire construction with fiberglass 900°F (482°C) or Teflon® 392°F (200°C) lead wires
- \* Mineral Insulated construction rated up to 1200°F (650°C). This construction type allows forming and bending the sheath to meet design requirements.

Ordering Code: **RTD6** -  1  2  3  4  5  6  7  8  9  10  11

#### Element BOX 1

**S** = 100Ω Single      **K** = 1000Ω Single  
**D** = 100Ω Dual      **L** = 1000Ω Dual  
**X** = Others (Specify)

#### Sheath Length "L" BOX 6 and 7

In mm  
**001** to **999**  
For lengths over 999 mm. consult HK

#### Element Class BOX 2

**A** = Class A, Standard  
**B** = Class B, Optional  
**X** = Others (Specify)

#### Connection Head BOX 8

**A** = Standard Size Aluminum      **P** = Polypropylene  
**B** = Medium Size Aluminum      **N** = Miniature Nickel-Plated Steel  
**C** = Miniature Aluminum      **S** = Stainless Steel  
**H** = Standard Cast Iron      **E** = Explosion Proof (Aluminum)  
**F** = Standard Bakelite      **T** = Explosion Proof (Stainless Steel)

**Note:** Conduit connection for A, F, H & S is 1/2" (3/4" available); for B & C is 3/8"; and for P is 3/4" NPT.

*Please refer to Pg. 7 for all types of head*

#### Number of Leads BOX 3

**2** = 2-wire circuit  
**3** = 3-wire circuit  
**4** = 4-wire circuit  
**6** = 6-wire circuit

#### Sheath O.D. BOX 4

**F** = 6 mm  
**G** = 8 mm  
**H** = 12 mm

#### Sheath Material BOX 5

**B** = 304 SS  
**C** = 316 SS  
**A** = Inconel 600  
(Type "M" Only; See Box 9)

#### RTD Construction Type BOX 9

**Standard Industry Construction**  
**S** = Fiberglass insulated 900°F (450°C)  
**T** = Teflon® Insulated 392°F (200°C)

**Mineral Insulated Construction**  
**M** = MgO Insulated 1200°F (650°C)  
(Type "M" not available for "K" or "L" from Element Box 1)

#### Optional Compression Fitting BOX 10

**1** = 1/8" NPT SS      **4** = 1/8" NPT Brass  
**2** = 1/4" NPT SS      **5** = 1/4" NPT Brass  
**3** = 1/2" NPT SS      **6** = 1/2" NPT Brass  
**0** = None Required

#### Special Requirements BOX 11

**X** = Specify  
**0** = None