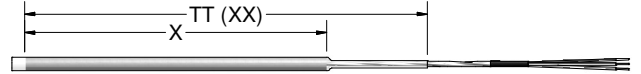
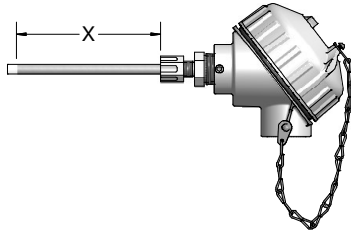


The assemblies listed below are designed for a broad range of applications that require resistance to corrosion and chemical attack. They provide very good temperature measurement and service life in plating, pickling, and acid bath applications. The stainless steel sheath is coated with FEP and includes a fused FEP tip for excellent corrosion resistance.



Maximum Temperature Rating 200 °C

## ORDER CODES

**Example Order Number:**

1-0 1-1 1-2 2-0 3-0 4-0 5-0 6-0  
**R1T185L 48 3T - 012 - 00 - TT(36) - T3072 - 4**

### 1-0 Pt100 ( $\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$ ) RTD Assemblies

CODE		TOLERANCE	TEMPERATURE RANGE
SINGLE	DUPLEX		
R1T185L	R1T285L	Grade B	(-200 to 200°C)
R5T185L	R5T285L	(1/5) Class B	(-30 to 150°C)
RBF185L	RBF285L	Class B	(-50 to 200°C)
RAF185L	RAF285L	Class A	(-30 to 200°C)

### 1-1 Sheath Diameters 316 SS

CODE	DIAMETERS (inches)
38	3/16
(236)8	6 mm
48	1/4

### 1-2 Element Connection

CODE	DESCRIPTION
2T	2 wire element
3T	3 wire element
4T	4 wire element

### 2-0 'X' Dimension

Insert 3 Digit Sheath Length (X dimension) in Inches.

### 3-0 Sheath Mountings

CODE	DESCRIPTION
00	No fitting

### Re-Adjustable Compression Fittings

CODE	DESCRIPTION	NPT SIZE (inches)	AVAILABLE SHEATH DIAMETERS (inches)
56B	FEP	1/4	6 mm
56C	FEP	1/2	6 mm

### 6-0 Leadwire Terminations

CODE	DESCRIPTION
0	No termination
2	2" split leads, 1/4" stripped
3	2" split leads with spade lugs
4	Standard plug
6	Miniature plug
Options	
MC	Mating connector
RB	Rubber boot

### 5-0 Extension Leadwire

CODE	DESCRIPTION
T3	Fluoropolymer insulation - stranded conductor

### 4-0 Head Terminations

CODE	DESCRIPTION
8HN63	White polypropylene screw-cover head with 1/2" NPT stainless steel hex mounting fitting
9HP63	White polypropylene screw-cover head with 1/2" NPT bushing holding head to sheath
56CF63 <sup>[1]</sup>	White polypropylene screw-cover head with FEP compression fitting holding head to sheath

[1] Only available with 6 mm OD sheath

### Sheath Terminations

CODE	DESCRIPTION
4	Standard plug
5	Standard jack
Options	
MC	Mating connector
RB	Rubber boot

### Leadwire Transitions

CODE	DESCRIPTION
TT	FEP coating: both sheath and leads (specify total length of FPE coating) Example: TT(36)
15	Extension leadwire transition with relief spring
16	Extension leadwire transition with heat-shrink tubing