

The handheld Molded Handle RTD Sensors are supplied with a phenolic plastic handle for convenient temperature measurements. This design is ideal for checking temperatures in a variety of applications or validating the accuracy of an existing sensor or process temperature. The RTD's listed on this page are supplied with a 316 stainless steel sheath and are available in various accuracies, temperature ranges, sheath diameters and lengths. The RTD's listed below can be configured to meet specific customer requirements.



ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 2-0 3-0 4-0 5-0 6-0
R1T185L 48 3 P - 012 - 00 - 15PH - T3072 - 2

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

CODE	TOLERANCE	TEMPERATURE RANGE
<i>SINGLE</i>		
R1T185L	Grade B	(-200 to 200°C)
R5T185L	(1/5) Class B	(-30 to 150°C)
RBF185L	Class B	(-50 to 200°C)
RAF185L	Class A	(-30 to 200°C)
R1T185H	Grade B	(-200 to 600°C)
RAT185H	Class A	(-100 to 450°C)

1-1 Sheath Diameters 316 SS

CODE	DIAMETERS (inches)
28	1/8
38	3/16
48	1/4
68	3/8

1-2 Element Connection

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

1-3 Special Options

CODE	DESCRIPTION
P ^[1]	Pointed Tip
[1] Rounded tip supplied as standard	

2-0 'X' Dimension

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

3-0 Sheath Bends

CODE	DESCRIPTION
00	Straight
2__	Sheath Bend 45°
3__	Sheath Bend 90°

6-0 Leadwire Terminations

CODE	DESCRIPTION
2	2" split leads, 1/4" stripped
4	Standard plug
6	Miniature plug
Options	
MC	Mating connector option for code 4 or 6 only

5-0 Extension Leadwire

CODE	DESCRIPTION
T3	Fluoropolymer insulation - stranded conductor
T3A	Fluoropolymer insulation - stranded conductor - flexible armor
T3B	Fluoropolymer insulation - stranded conductor - stainless steel overbraid
M3	Fluoropolymer insulation - stranded conductor - stainless steel overbraid - Fluoropolymer insulation
T3M	Fluoropolymer insulation - stranded conductor - polyester shield
T3MA	Fluoropolymer insulation - stranded conductor - polyester shield - flexible armor
C3060	PVC insulation - stranded conductor - coil cord - 60" extended length
C3120	PVC insulation - stranded conductor - coil cord - 120" extended length

4-0 Leadwire Transitions

CODE	DESCRIPTION
15PH	Thermoset Plastic Handle with relief spring
19PH	Thermoset Plastic Handle