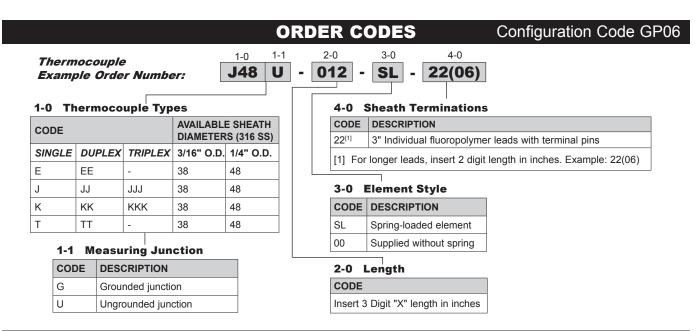
Thermocouple and RTD Spring-Loaded Replacement Elements

Thermocouple and RTD spring-Loaded Replacement elements are designed for spring-loaded thermowell assemblies. The replacement elements can be ordered by selecting the sensor type below and inserting the "X" length in table 2-0. The RTD assemblies are supplied with a 316 stainless steel sheath and are available in various tolerances and temperature ranges as noted in the tables below. The MgO-insulated thermocouple assemblies are supplied with a 316 stainless steel sheath, various calibrations, and as standard limits of error.





1-0

RTD Example Order Number: R1T185L



1-2

48 3

1-1



CODE		TOLERANCE ^[1]	TEMP. 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
R1T185H	R1T285H	Grade B	(-200 to 600) °C
RAT185H	RAT285H	Class A	(-100 to 450) °C
[1] Defer to DTD tolerance information in the			

[1] Refer to RTD tolerance information in the General Information section for calculations to determine specific tolerance at temperature.

1-1 Sheath Diameters

CODE	DIAMETERS (inches) 316 SS
38	3/16
48	1/4

4-0 Sheath Terminations

CODE	DESCRIPTION	
22[1]	3" Individual fluoropolymer leads with terminal pins	
[1] For longer leads insert 2 digit length in inches. Example: 22(06)		

3-0

4-0

2-0

012(1/2)

3-0 Element Style

CODE	DESCRIPTION	
SL	Spring-loaded element	
00	Supplied without spring	

2-0 Length

CODE
Insert 3 Digit "X" length in inches

1-2 Element Connection

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

