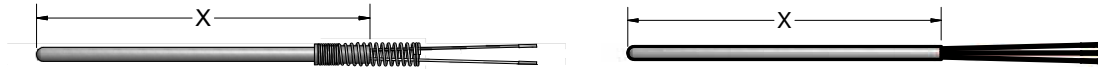Thermocouple and RTD spring-Loaded Replacement elements are designed for spring-loaded thermowell assemblies. The replacement elements can be ordered by selecting the sensor type below and inserting the "X" length in table 2-0. The RTD assemblies are supplied with a 316 stainless steel sheath and are 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.

ORDER CODES — Configuration Code GP06

Thermocouple Example Order Number: J48 U - 012 - SL - 22(06)

| 1-0 | 1-1 | 2-0 | 3-0 | 4-0 |

1-0 Thermocouple Types

CODE			AVAILABLE SHEATH DIAMETERS (316 SS)	
SINGLE	DUPLEX	TRIPLEX	3/16" O.D.	1/4" O.D.
E	EE	-	38	48
J	JJ	JJJ	38	48
K	KK	KKK	38	48
T	TT	-	38	48

1-1 Measuring Junction

CODE	DESCRIPTION
G	Grounded junction
U	Ungrounded junction

2-0 Length

CODE
Insert 3 Digit "X" length in inches

3-0 Element Style

CODE	DESCRIPTION
SL	Spring-loaded element
00	Supplied without spring

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)	

ORDER CODES — Configuration Code GP05

RTD Example Order Number: R1T185L 48 3 - 012(1/2) - 00 - 22

| 1-0 | 1-1 | 1-2 | 2-0 | 3-0 | 4-0 |

1-0 100 Ω Platinum RTD Elements α = 0.003 85 °C⁻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] 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

1-2 Element Connection

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

2-0 Length

CODE
Insert 3 Digit "X" length in inches

3-0 Element Style

CODE	DESCRIPTION
SL	Spring-loaded element
00	Supplied without spring

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)	

Pyromation, Inc.