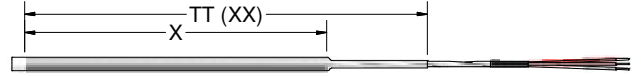
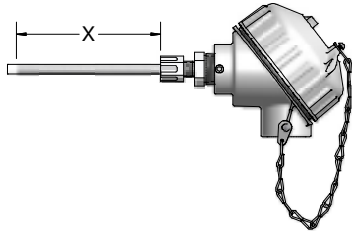


SPECIAL-PURPOSE

Configuration Code SP01
FEP-Coated Thermocouple Assemblies
 Configuration Code SP02
FEP-Coated RTD Assemblies

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: **JP38UT** - **012** - **00** - **TT(36)** - **T3072** - **4**

1 Thermocouple Types

CODE	T/C TYPE	SHEATH O.D. (inches)
JP38UT	J	3/16
JP48UT	J	1/4
KP38UT	K	3/16
KP48UT	K	1/4
TP38UT	T	3/16
TP48UT	T	1/4

For grounded hot junctions substitute the letter 'G' in place of the 'U' above.

1-2 100 Ω Platinum RTD α = 0.003 85 °C⁻¹ Tolerance^[1] Class B

CODE	LEADS	SHEATH O.D. (inches)
RBF185L383T	3	3/16
RBF185L483T	3	1/4

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

2 'X' Dimension

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

3 Sheath Mountings

CODE	DESCRIPTION
00	No fitting

Re-Adjustable Compression Fittings

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

6 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 Extension Leadwire

CODE	DESCRIPTION
T1	Fluoropolymer insulation - solid conductor (available in thermocouples only)
T3	Fluoropolymer insulation - stranded conductor

4 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 ^[1]	White polypropylene screw-cover head with FEP compression fitting holding head to sheath

[1] Not available with 3/16" O.D. sheath

4-1 Sheath Terminations

CODE	DESCRIPTION
4	Standard plug
5	Standard jack

Options

MC	Mating connector
RB	Rubber boot

4-2 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

