

The sensing elements listed on this page can be cut to any desired length over 3" long by using an ordinary tubing cutter. All sheaths are provided in 316 stainless steel.



### ORDER CODES

**Example Order Number:**

**R1T185L483 - 3 - 012 - VCL - T3012 - 2**

**1 3-Wire RTD Assemblies Pt100  $\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$**

CODE		TOLERANCE <sup>[1]</sup>	SHEATH DIAMETER O.D. (inches)
SINGLE	DUPLEX		
RBF185L483	RBF285L483	Class B	1/4
R1T185L483	R1T285L483	Grade B	1/4
RBF185L683	RBF285L683	Class B	3/8
R1T185L683	R1T285L683	Grade B	3/8

Consult factory for other RTD elements.

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

**3 RTD Extension Leadwire**

CODE <sup>[1]</sup>	DESCRIPTION	TEMP. RATING
T3J ---	Teflon <sup>®</sup> insulation - individual leads stranded conductor (12" limit)	204 °C [400 °F]
T3 ---	Teflon <sup>®</sup> insulation - stranded conductor	204 °C [400 °F]

Leads supplied stripped and tinned 1/2"  
[1] Insert wire code number and 3 digit "E" length code in inches

**2 Sheath "X" Length**

Specify "X" Length in Inches Using (3) Digits

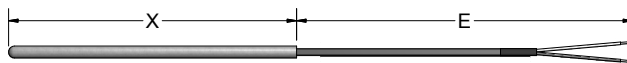
Configuration Code SP10  
Variable-Length Thermocouple Elements

### ORDER CODES

**Maximum T/C Temperature Limits:**

Fiberglass insulated lead style: 482 °C [900 °F]

Teflon<sup>®</sup> insulated lead style: 204 °C [400 °F]



**Example Order Number:**

**JP48 - G - 006 - VCL - T1012 - 2**

**1-1 Thermocouple Assemblies**

CODE		T/C TYPE	SHEATH DIAMETER O.D. (inches)
SINGLE	DUPLEX		
JP48	JJP48	J	1/4
KP48	KKP48	K	1/4
TP48	TTP48	T	1/4
EP48	EET48	E	1/4
JP68	JJP68	J	3/8
KP68	KKP68	K	3/8
TP68	TTP68	T	3/8
EP68	EET68	E	3/8

**1-2 Hot Junction**

CODE	DESCRIPTION
G	Grounded
U	Ungrounded

**3 Thermocouple Extension Leadwire**

CODE <sup>[1]</sup>	DESCRIPTION	INSUL. TEMP. LIMIT
F1 ---	Fiberglass insulation - solid conductor	482 °C [900 °F]
T1 ---	Teflon <sup>®</sup> insulation - solid conductor	204 °C [400 °F]

Leads supplied split 2", 1/4" stripped  
[1] Insert wire code number and 3 digit "E" length code in inches

**2 Sheath "X" Length**

Specify "X" Length in Inches Using (3) Digits