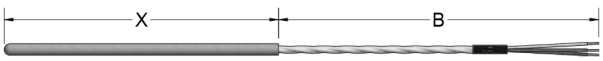
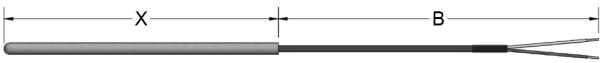
Configuration Code SP08

Variable-Length RTD Elements

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: **R1T185L48 | 3 - 012 - VCL - T3012 - 2**

(1 = R1T185L48 | 3; 1-2 = 3; 2 = 012; 3 = T3012)

1 3-Wire RTD Assemblies Pt100 α = 0.003 85 °C^{-1}

CODE		TOLERANCE[1]	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[1]	DESCRIPTION	TEMP. RATING
T3J _ _ _	Fluoropolymer insulation - individual leads stranded conductor (12" limit)	204 °C [400 °F]
T3 _ _ _	Fluoropolymer insulation - stranded conductor	204 °C [400 °F]
Leads supplied stripped and tinned 1/2" [1] Insert wire code number and 3 digit "B" length code in inches		

2 Sheath "X" Length

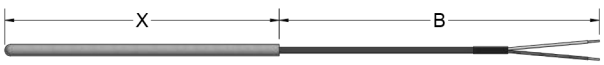
Specify "X" Length in Inches Using (3) Digits

Configuration Code SP10

Variable-Length Thermocouple Elements

ORDER CODES

Maximum T/C Temperature Limits:
Fiberglass insulated lead style: 482 °C [900 °F]
Fluoropolymer insulated lead style: 204 °C [400 °F]



Example Order Number: **JP48 | G - 006 - VCL - T1012 - 2**

(1-1 = JP48; 1-2 = G; 2 = 006; 3 = T1012)

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	EEP48	E	1/4
JP68	JJP68	J	3/8
KP68	KKP68	K	3/8
TP68	TTP68	T	3/8
EP68	EEP68	E	3/8

1-2 Hot Junction

CODE	DESCRIPTION
G	Grounded
U	Ungrounded

3 Thermocouple Extension Leadwire

CODE[1]	DESCRIPTION	INSUL. TEMP. LIMIT
F1 _ _ _	Fiberglass insulation - solid conductor	482 °C [900 °F]
T1 _ _ _	Fluoropolymer insulation - solid conductor	204 °C [400 °F]
Leads supplied split 2", 1/4" stripped [1] Insert wire code number and 3 digit "B" length code in inches		

2 Sheath "X" Length

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