

## RTD STEM ASSEMBLY WITH TRANSITION

Reotemp offers highly customizable RTD Stem Assemblies with Transitions for a wide variety of industrial applications.



Made in USA



**BUILD YOUR STEM ASSEMBLY:** Choose options to build a part number. For example: HPX1256X-LR3A120T2S-TS

**H**

**STYLE**



**STEM OPTIONS (OPTIONAL)**

<b>A</b>		<b>H</b>	
	Plain Stem (Lead Assembly)		Spring Loaded Bushing
<b>B</b>		<b>P</b>	
	Welded SS Bushing		1/2" NPT Nipple w/ Bayonet
<b>R</b>		<b>S</b>	
	Bayonet Cap w/ Spring		Load Spring Only
<b>4T</b>			
	5" Nominal Spring Loaded N-U-N		

*Leave blank for no stem option.*

<b>T</b>		<b>U</b>	
	1/4" NPT Sliding Compression Fitting Loose On Plain 316SS Stem		1/2" NPT Sliding Compression Fitting Loose On Plain 316SS Stem
<b>V</b>		<b>W</b>	
	1/8" Compression Fitting Loose on Plain 316SS Stem		Weld Pad, 1"x1"x1/8"

Note: Compression fitting lengths will decrease overall stem length.

## RTD STEM ASSEMBLY WITH TRANSITION

**PX**  
|

**1**  
|

**25**  
|

**6**  
|

**X**  
|

RTD SENSOR					TEMPERATURE RANGE	STEM DIAMETER	STEM LENGTH "X"	NUMBER OF LEADS/RTDs
Type	Code	Material/Class	$\Omega$ at 0°C	Accuracy at 0°C( $\Omega$ )	1 = -328°F/400°F (Standard) 2 = Extended Range -328°F/1100°F (Only Available on PX, PA, PE, PK, PH, or PY RTDs)	25 = 0.250" 12 = 0.125" 18 = 0.188" 37 = 0.375"	? = Stem Length in Inches (See "X" length drawings on page 63.)	X = Single 3-wire XX = Duplex 3-wire Y = Single 4-wire YY = Duplex 4-wire W = Single 2-wire WW = Duplex 2-wire
Standard DIN B Platinum 100 $\Omega$	PX*	Pt/385/B	100 $\Omega$	$\pm 0.12\%$				
Platinum 100 $\Omega$ with Other Accuracies	PA*	Pt/385/A	100 $\Omega$	$\pm 0.06\%$				
	PD*	Pt/385/A3	100 $\Omega$	$\pm 0.03\%$				
	PE*	Pt/385/A5	100 $\Omega$	$\pm 0.01\%$				
Other RTDs	PK*	Pt/385/B	1000 $\Omega$	$\pm 0.12\%$				
	PH*	Pt/385/A	1000 $\Omega$	$\pm 0.06\%$				
	PM	Pt/385/B	500 $\Omega$	$\pm 0.12\%$				
	PY*	Pt/392	100 $\Omega$	$\pm 0.10\%$				
	NI	Nickel/6725	120 $\Omega$	$\pm 0.50\%$				
	CU	Copper/421	10 $\Omega$ at 25°C	$\pm 0.50\%$ at 25°C				

\*Available in Reotemp Extended temperature RTDs.

**-L**  
|

**R**  
|

**3**  
|

**A**  
|

**120**  
|

LEAD WIRE	SENSOR TYPE	NUMBER OF LEADS	TRANSITION TYPE	LEAD OR ARMOR LENGTH "B"
-L = Lead Wire	R = RTD	2 = 2-Wire RTD 3 = 3-Wire RTD 4 = 4-Wire RTD or Duplex 2-Wire 6 = Duplex 3-Wire RTD 8 = Duplex 4-Wire RTD		?? = "B" Length in Inches
			<p><b>P</b> Plain (Standard)</p> <p><b>S</b> With Spring</p> <p><b>A</b> Armor</p> <p><b>L</b> Same Size</p>	

**T2**  
|

**S**  
|

**[ ]**  
|

**[ ]**  
|

**-TS**  
|

INSULATION & CONDUCTOR	WIRE TERMINATION	WIRE PROTECTION (OPTIONAL)	WIRE EXTENSION "E" (OPTIONAL)	OPTIONS
<p><b>T2</b> = Teflon with Stranded Wire</p> <p><b>T3</b> = Teflon with 20 AWG Stranded Wire</p> <p><b>A2</b> = Teflon with Mylar Shield &amp; Drain</p> <p><b>F2</b> = Fiberglass with Stranded Wire</p>	<p><b>P</b> = Plain Leads (Not Stripped)</p> <p><b>S</b> = Stripped Leads</p> <p><b>L</b> = Spade Lugs</p> <p><b>T</b> = Terminal Pins</p> <p><b>F</b> = Standard Male Plug</p> <p><b>C</b> = Mini Male Plug</p> <p><b>R</b> = Cord Grip 1/2" NPT</p>	<p><i>Omit if No Armor</i></p> <p><b>A</b> = Stainless Steel Armor</p> <p><b>P</b> = PVC Coated Stainless Steel Armor</p> <p><b>T</b> = Teflon Coated Stainless Steel Armor</p> <p><b>O</b> = Stainless Steel Overbraided</p>	<p>?? = "E" Length Wire Extension Beyond Armor Inches (Omit if No Armor)</p>	<p><b>-TS</b> = Stainless Tag</p> <p><b>-R1</b> = One Point Calibration Certification (Reotemp Chooses)</p> <p><b>-R3</b> = Three Point Calibration Certification (Reotemp Chooses)</p>

## THERMOCOUPLE & RTD OPTIONS

		Thermocouple	RTD	Digital Thermometers	Handheld Digital
<b>CERTIFICATION OPTIONS</b>					
<b>-R1</b>	1 Point Calibration Certification, Reotemp Chooses	✓	✓	✓	✓
<b>-R3</b>	3 Point Calibration Certification, Reotemp Chooses	✓	✓	✓	✓
<b>-C1</b>	1 Point Calibration Certification, Customer Chooses	✓	✓	✓	✓
<b>-C3</b>	3 Point Calibration Certification, Customer Chooses	✓	✓	✓	✓
<b>-CC</b>	Certificate of Conformance	✓	✓	✓	✓
<b>-CS</b>	NIST Calibration Sticker (No Logged Points)	✓	✓	✓	✓
<b>OTHER OPTIONS</b>					
<b>-VB</b>	Hi-Vibration	N/A	✓	✓	✓
<b>-AC</b>	Hi-Accuracy	N/A	✓	N/A	N/A
<b>-PS</b>	Pointed Stem	✓	✓	✓	✓
<b>-TF</b>	Teflon Coating	✓	✓	✓	✓
<b>-SS</b>	316 SS stem	N/A	STD	✓	✓
<b>-NL</b>	No Logo	✓	✓	✓	✓
<b>-HT</b>	Heat Transfer Compound (2 oz)	✓	✓	✓	N/A
<b>-GL</b>	Plain Glass Lens	N/A	N/A	✓	✓
<b>-CL</b>	Custom Logo Dial	N/A	N/A	✓	✓
<b>-BP</b>	Replacement Battery Pack	N/A	N/A	✓	✓
<b>-WD</b>	White Dial	N/A	N/A	✓	✓
<b>-AS</b>	Allows to Fit 1-1/4-18 Industrial Thermowell	✓	✓	✓	N/A
<b>TAG OPTION</b>					
<b>-TS</b>	Stainless Steel Tag (1-10 Characters)			✓	
<b>-TM</b>	Stainless Steel Tag (11-80 Characters)			✓	
<b>-TP</b>	Paper Tag			✓	

✓	Indicates that the option is available with this model.
N/A	Indicates the option is not available with this model.
STD	Indicates standard options with no additional cost.