

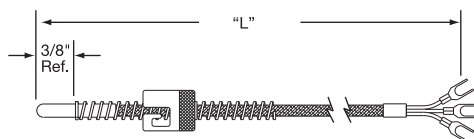
### Bayonet Style RTDs for the Plastics Industry

#### Design Features

- \* 3/16" diameter stainless steel probe
- \* Operating temp. 392°F (200°C); 900°F (482°C) available
- \* 3-wire circuit
- \* 100 ohms Class B element per IEC 751
- \* Can be installed wherever existing thermocouples of similar design are used

#### Style 1—Adjustable Spring Bayonet RTD

- \* Insertion length adjustable from 1" to 10"
- \* One can replace several fixed-length thermocouples
- \* Forms easily to any angle



See Page 14-87 for Bayonet Adapters.

Stock Items Are Shown In **RED**

Part Number	Termination Style <sup>†</sup>	"L" Dim. (in)
RTP10001	S	48
RTP10002	C	48
RTP10003	P	48
RTP10004	J	48
<b>RTP10005</b>	B	48

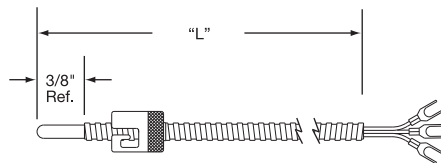
<sup>†</sup> See page 14-64 for Termination Style descriptions.

#### Ordering Information

RTDs are offered with the options listed in the worksheet below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

#### Style 2—Adjustable Armor Cable Bayonet RTD

- \* Insertion length adjustable over length of armor cable
- \* One can replace several fixed-length thermocouples or RTDs
- \* Forms easily to any angle



Stock Items Are Shown In **RED**

Part Number	Termination Style <sup>†</sup>	"L" Dim. (in)
RTP20001	S	48
RTP20002	C	48
RTP20003	P	48
RTP20004	J	48
<b>RTP20005</b>	B	48

<sup>†</sup> See page 14-64 for Termination Style descriptions.

Ordering Code:

RTP - 
 1
2
3
4
5
6
7
8

#### Style BOX 1

- 1 = Spring Adjustable
- 2 = Armor Cable Adjustable

#### "L" Dimension BOX 5

Whole inches  
012 to 999

#### Element BOX 2

- S = 100Ω Single
- D = 100Ω Dual

#### Lead Insulation BOX 6

Fiberglass 900°F (482°C)	(Style 1 only)	w/ SS Overbraid (Style 1 only)	w/ SS Armor Cable (Style 2 only)
Teflon® 392°F (200°C)	<b>S</b>	<b>B</b>	<b>A</b>
	<b>T</b>	<b>D</b>	<b>F</b>

#### Element Class BOX 3

- A = ±0.06% at 0°C, Optional
- B = ±0.12% at 0°C, Standard

#### Termination BOX 7<sup>†</sup>

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| <b>B</b> = 2-1/2 in. Split Leads    | <b>K</b> = Standard Plug and Jack |
| <b>S</b> = Spade Lugs               | <b>D</b> = Miniature Plug         |
| <b>C</b> = Spade Lugs with BX Conn. | <b>E</b> = Miniature Jack         |
| <b>P</b> = Standard Plug            | <b>F</b> = Mini. Plug and Jack    |
| <b>J</b> = Standard Jack            | <b>X</b> = Other (Specify)        |

Plugs and Jacks for 2- and 3-Wire Only

<sup>†</sup> See page 14-64 for Termination Style descriptions.

#### Number of Leads BOX 4

- 2 = 2-wire circuit
- 3 = 3-wire circuit
- 4 = 4-wire circuit\*
- \*Not available with dual element

#### Special Requirements BOX 8

- X = Specify
- 0 = None

## RTD Termination Styles

### RTD Termination Styles

Style B—Plain Ends

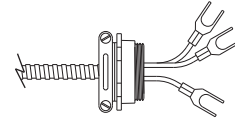
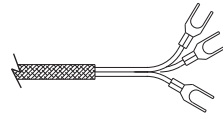
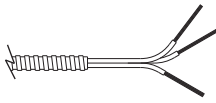
Style S—Spade Lugs

Style C—Spade Lugs with BX connector

#### Optional Termination Styles

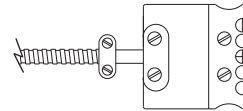
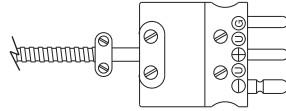
Available for the following RTDs:

Style	Page
RTD1	14-50
RTD2	14-51
RTD5	14-54
RTP	14-61 through 14-63



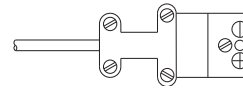
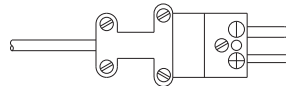
Style P—Standard Plug  
(3-wire shown)

Style J—Standard Jack  
(3-wire shown)



Style D—Miniature Plug  
(2-wire shown)

Style E—Miniature Jack  
(2-wire shown)

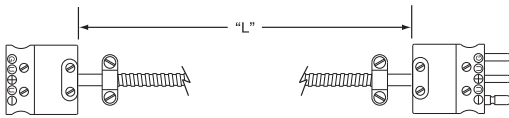


### ECR Style RTD Extension Assemblies

(3-wire circuits shown, 2-wire circuits also available)

Termination 1

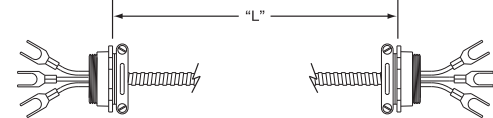
Termination 2



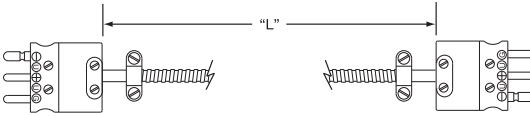
Style RJP—Jack to Plug

Termination 1

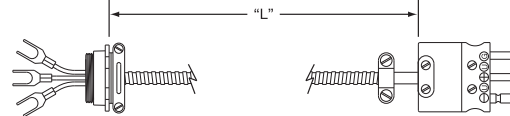
Termination 2



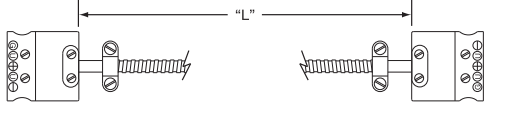
Style RCC—BX Connector to BX Connector



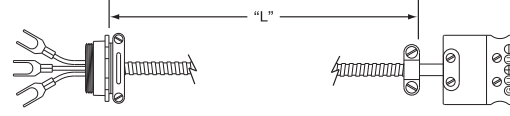
Style RPP—Plug to Plug



Style RCP—BX Connector to Plug



Style RJJ—Jack to Jack



Style RCJ—BX Connector to Jack

Ordering Code: **ECR** -

#### Number of Leads BOX 1

- 2 = 2-wire circuit
- 3 = 3-wire circuit
- 4 = 4-wire circuit\*

\*Plugs and Jacks not available

#### "L" Dimension BOX 4

Whole inches  
001 to 999

#### Termination (Specify for Both Ends) BOXES 2 & 3

- B = 2-1/2 in. Split Leads
- S = Spade Lugs
- C = Spade Lugs with BX Conn.
- P\* = Standard Plug
- J\* = Standard Jack
- D\* = Miniature Plug
- E\* = Miniature Jack
- X = Other (Specify)

\*Plugs and Jacks for 2- and 3-Wire Only

#### Lead Insulation BOX 5

	Standard	w/ SS Overbraid	w/ SS Armor Cable
Fiberglass 900°F (482°C)	S	B	A
Teflon® 392°F (200°C)	T	D	F

#### Special Requirements BOX 6

- X = Specify
- 0 = None

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).