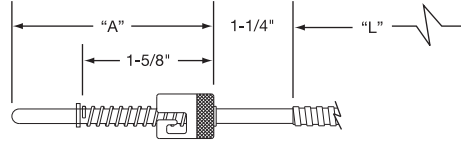


### Bayonet Style RTDs for the Plastics Industry

#### Design Features

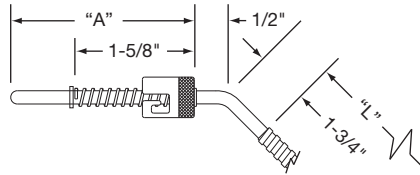
- \* 3/16" diameter stainless steel probe
- \* Operating temp. 392°F (200°C); 900°F (482°C) available
- \* 3-wire circuit
- \* 100 ohms Class B element per IEC 751
- \* Can be installed wherever existing thermocouples of similar design are used

#### Style 3—Rigid Straight Bayonet RTD



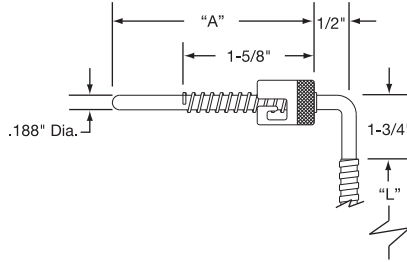
Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
RTP30001	S	4	48
RTP30002	C	4	48
RTP30003	P	4	48
RTP30004	J	4	48
RTP30005	B	4	48

#### Style 4—Rigid 45° Bend Bayonet RTD



Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
RTP40001	S	4	48
RTP40002	C	4	48
RTP40003	P	4	48
RTP40004	J	4	48
RTP40005	B	4	48

#### Style 5—Rigid 90° Bend Bayonet RTD



Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
RTP50001	S	4	48
RTP50002	C	4	48
RTP50003	P	4	48
RTP50004	J	4	48
RTP50005	B	4	48

†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.

### Custom Made Bayonet Style RTDs

Ordering Code: RTP -

#### Style BOX 1

- 3 = Straight
- 4 = 45° Bend
- 5 = 90° Bend

#### Element BOX 2

- S = 100Ω Single
- D = 100Ω Dual

#### Element Class BOX 3

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

#### Number of Leads BOX 4

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

#### "A" Dimension BOX 5

- Whole inches
- 01 to 99 (1-3/4 in. min.)

#### "A" Dimension BOX 6

- Fractional inches
- 0 = 0"    3 = 3/8"    6 = 3/4"
- 1 = 1/8"    4 = 1/2"    7 = 7/8"
- 2 = 1/4"    5 = 5/8"

#### "L" Dimension BOX 7

- Whole inches
- 000 to 999

#### Termination BOX 9 †

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

†See Page 14-64 for Termination Style descriptions.

Plugs and Jacks for 2- and 3-Wire Only

#### Special Requirements BOX 10

- X = Specify
- 0 = None

#### Lead Insulation BOX 8

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

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

## RTD Termination Styles

### RTD Termination Styles

Style B—Plain Ends

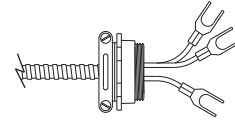
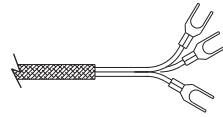
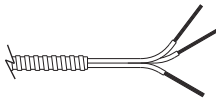
Style S—Spade Lugs

Style C—Spade Lugs with BX connector

#### Optional Termination Styles

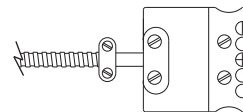
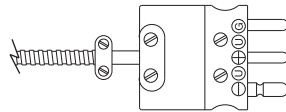
Available for the following RTDs:

Style	Page
RTD1	14-50
RTD4	14-53
RTD5	14-54
RTP	14-61 through 14-63



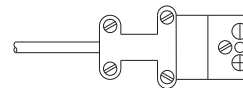
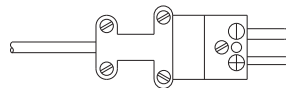
Style P—Standard Plug  
(3-wire shown)

Style J—Standard Jack  
(3-wire shown)



Style D—Miniature Plug  
(2-wire shown)

Style E—Miniature Jack  
(2-wire shown)

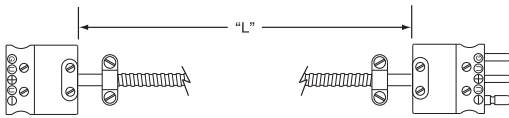


### ECR Style RTD Extension Assemblies

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

Termination 1

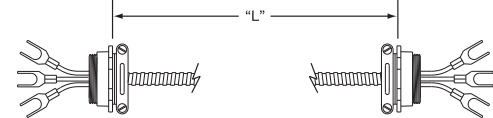
Termination 2



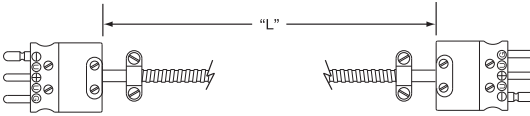
Style RJP—Jack to Plug

Termination 1

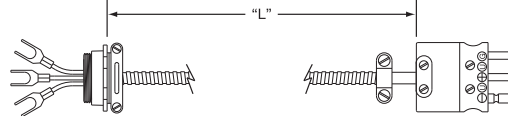
Termination 2



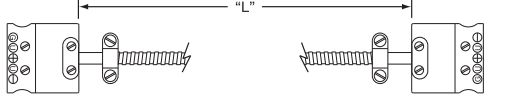
Style RCC—BX Connector to BX Connector



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

#### Special Requirements BOX 6

- X** = Specify
- 0** = None

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