



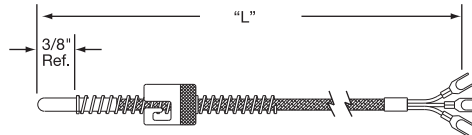
Bayonet Style RTDs for the Plastics Industry

Design Features

- * 3/16" diameter stainless steel probe
- * 3-wire circuit
- * Operating temp. 392°F (200°C); 900°F (482°C) available
- * 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 [†]	"L" Dim. (in)
RTP10001	S	48
RTP10002	C	48
RTP10003	P	48
RTP10004	J	48
RTP10005	B	48

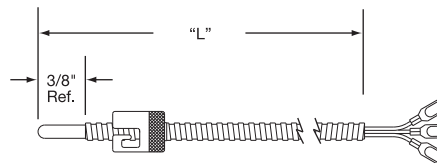
[†] See page 14-64 for Termination Style descriptions.

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.

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 [†]	"L" Dim. (in)
RTP20001	S	48
RTP20002	C	48
RTP20003	P	48
RTP20004	J	48
RTP20005	B	48

[†] 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)	S T	B D	A F

Element Class BOX 3

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

Termination BOX 7[†]

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

Plugs and Jacks for 2- and 3-Wire Only

[†] 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

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

CONTINUED

(800) 323-6859 • Email: sales@tempco.com



RTD Termination Styles

RTD Termination Styles

Style B—Plain Ends

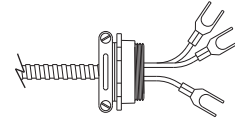
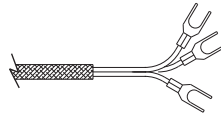
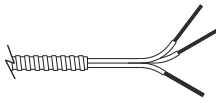
Style S—Spade Lugs

Style C—Spade Lugs with BX connector

Optional Termination Styles

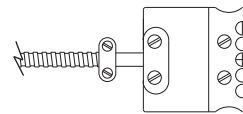
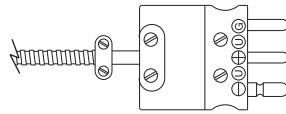
Available for the following RTDs:

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



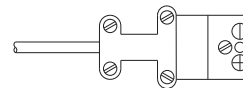
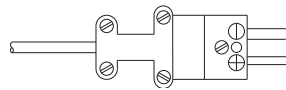
Style P—Standard Plug
(3-wire shown)

Style J—Standard Jack
(3-wire shown)



Style D—Miniature Plug
(2-wire shown)

Style E—Miniature Jack

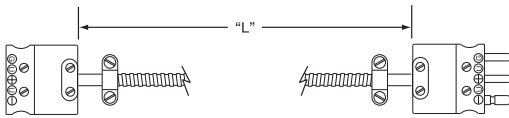


ECR Style RTD Extension Assemblies

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

Termination 1

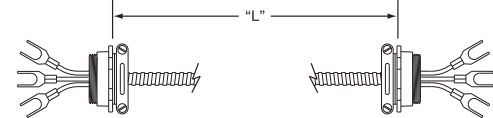
Termination 2



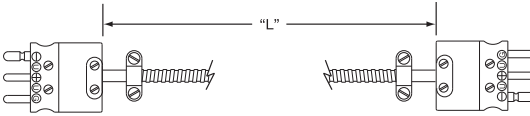
Style RJP—Jack to Plug

Termination 1

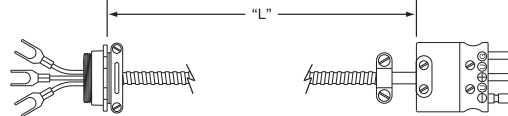
Termination 2



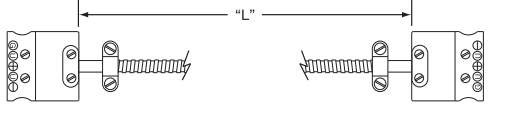
Style RCC—BX Connector to BX Connector



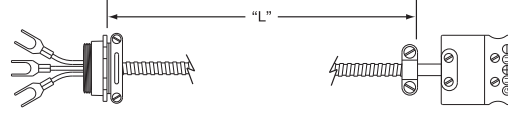
Style RPP—Plug to Plug



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

Lead Insulation BOX 5

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

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

Special Requirements BOX 6

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

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