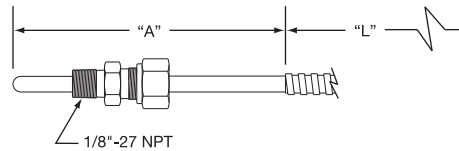




### Compression Fitting Style RTDs for the Plastics Industry

#### Style 6—Rigid Straight Compression Fitting RTD

Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
RTP60001	S	4	48
RTP60002	C	4	48
RTP60003	P	4	48
RTP60004	J	4	48
RTP60005	B	4	48

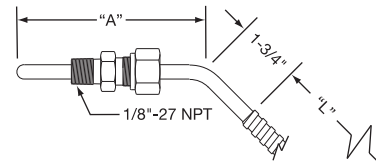


#### Design Features

- \* 3/16" diameter stainless steel probe
- \* Operating temp. 392°F (200°C); 900°F (482°C) available
- \* One-time adjustable 1/8"-27 NPT brass compression fitting
- \* 3-wire circuit
- \* 100 ohms Class B element per IEC 751
- \* Can be installed wherever existing thermocouples of similar design are used

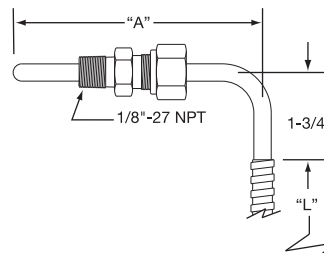
#### Style 7—Rigid 45° Bend Compression Fitting RTD

Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
RTP70001	S	4	48
RTP70002	C	4	48
RTP70003	P	4	48
RTP70004	J	4	48
RTP70005	B	4	48



#### Style 8—Rigid 90° Bend Compression Fitting RTD

Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
RTP80001	S	4	48
RTP80002	C	4	48
RTP80003	P	4	48
RTP80004	J	4	48
RTP80005	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 Compression Fitting Style RTDs

Ordering Code: **RTP** -

**Style** BOX 1  
 6 = Straight  
 7 = 45° Bend  
 8 = 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)	<b>S</b>	<b>B</b>	<b>A</b>
Teflon® 392°F (200°C)	<b>T</b>	<b>D</b>	<b>F</b>

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



## RTD Termination Styles

### RTD Termination Styles

Style B—Plain Ends

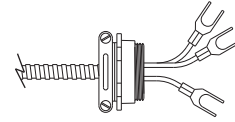
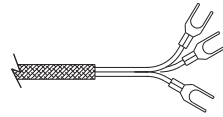
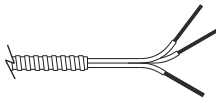
Style S—Spade Lugs

Style C—Spade Lugs with BX connector

#### Optional Termination Styles

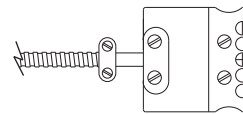
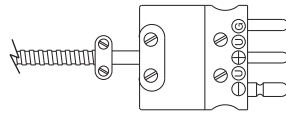
Available for the following RTDs:

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



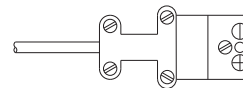
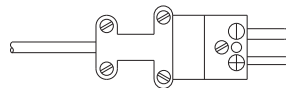
Style P—Standard Plug  
(3-wire shown)

Style J—Standard Jack  
(3-wire shown)



Style D—Miniature Plug  
(2-wire shown)

Style E—Miniature Jack

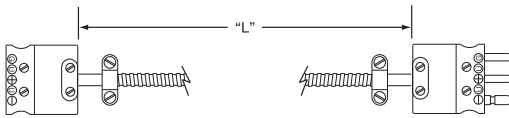


### ECR Style RTD Extension Assemblies

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

Termination 1

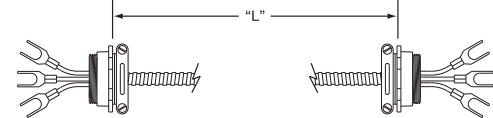
Termination 2



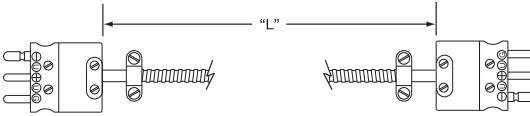
Style RJP—Jack to Plug

Termination 1

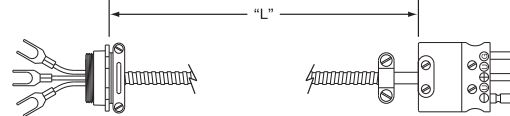
Termination 2



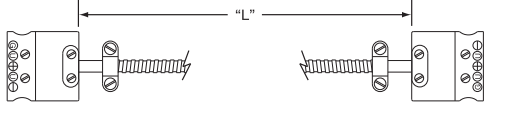
Style RCC—BX Connector to BX Connector



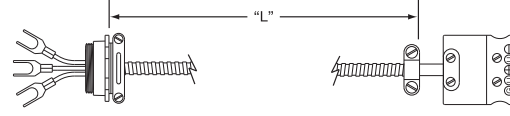
Style RPP—Plug to Plug



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

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