Temperature Sensing



Resistance Temperature Sensing

Bayonet Style RTDs for the Plastics Industry

Design Features

Ordering Information

RTDs are offered with

the options listed in the worksheet below. Create

an ordering code by filling in the boxes with the

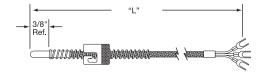
appropriate number and/or

letter designation for your requirements, and a part number will be assigned.

- * 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
- * Can be installed wherever existing thermocouples of similar design are

Style 1—Adjustable Spring Bayonet RTD

st Insertion length adjustable $\ st$ One can replace several fixed-length $\ st$ Forms easily to any angle from 1" to 10" thermocouples Stock Items Are Shown In RED



See Page 14-87 for Bayonet Adapters.

Part Number	Termination Style [†]	"L" Dim. (in)
RTP10001	S	48
RTP10002	C	48
RTP10003	P	48
RTP10004	J	48
RTP10005	В	48

*See page 14-64 for Termination Style descriptions.

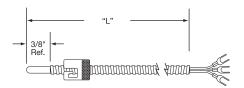
Style 2—Adjustable Armor Cable Bayonet RTD

* Insertion length adjustable over length of armor cable

* One can replace several fixed-length * Forms easily to any angle thermocouples or RTDs

RTP20004

RTP20005



Part Number	Termination Style [†]	"L" Dim. (in)
RTP20001	S	48
RTP20002	C	48
RTP20003	P	48

Stock Items Are Shown In RED

Ordering Code: RTP

*See page 14-64 for Termination Style descriptions.

48

48

Style BOX 1

- 1 = Spring Adjustable
- 2 = Armor Cable Adjustable

Element BOX 2

- $S = 100\Omega$ Single
- $\mathbf{D} = 100\Omega \text{ Dual}$

Element Class BOX 3

- $A = \pm 0.06\%$ at 0°C, Optional $B = \pm 0.12\%$ 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

"L" Dimension BOX 5

Whole inches 012 to 999

Lead Insulation BOX 6

(Style 1 only) Fiberglass 900°F (482°C) Teflon® 392°F (200°C)

w/ SS Overbraid (Style 1 only) В D

w/ SS Armor Cable (Style 2 only) F

Termination BOX 7 [†]

 $\mathbf{B} = 2-1/2$ 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

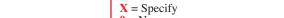
X = Other (Specify)

Plugs and Jacks for 2- and 3-Wire Only

Special Requirements BOX 8

 $\mathbf{0}$ = None

See page 14-64 for Termination Style descriptions.



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