



See transmitter section for details

INTEMPCO MODEL	ELEMENT TYPE TOL	CIRCUIT TYPE	PROBE DIAMETER	PROBE MAT'L	FITTING TYPE	TERMINAL TYPE	PROBE LENGTH "L"
R * 50	P 1						(in inches)

L

Low Temp.
-50 to 200°C

M

Med. Temp.
-200 to 400°C

H

High Temp.
-200 to 600°C

T

Transmitter
Order separately.
See transmitter
section for details

PROBE DIA CODE

125
187
250
312
375
500

Other dia. and
metric sizes
available.

MATERIAL CODE

Stainless 316	S
Inconel 600	I
Hasteloy	H
Monel	M
PFA Teflon coated	T

See end of **RTD**
section for details.

CODE FITTING TYPE

D**S	Welded to tube
W**S	Spring loaded, non sealed
B**S	Spring loaded, o - ring sealed

** Specify fitting size:
12 = 1/2 NPT
34 = 3/4 NPT
Other Sizes and Mat'l Available.

P

$\alpha = .003850$
100Ω @ 0°C
DIN 43760

Other elements
available. See end
of RTD section.

CODE CIRCUIT

S2	Single-2 wire
S3	Single-3 wire
S4	Single-4 wire
D2	Dual-2 wire
D3	Dual-3 wire

See end of **RTD**
section for details.
NOTE:
Dual RTD's require
0.188" O.D. min.

Polypropylene Head	Bakelite Head	Quick Release Aluminum Head	Aluminum Head
CODE PO *	CODE BA2	CODE AH *	CODE WA *
Cast Stainless steel	PVC Head	Explosion Proof	Mini Aluminum Head
CODE CS *	CODE PV *	CODE EX *	CODE AM

* Specify Conduit Size: **2**= 1/2 NPT Others available See Accessories section
3= 3/4 NPT

TOL.	CODE
0.1%	1
0.03%	3
0.01%	5

This rugged design, with many options, can be used in most industrial applications. Sheath can be welded or spring loaded to threaded hex fitting. Standard element used is Pt100 $\pm .12 \Omega$ @ 0°C to DIN 43760. Other elements are available. Model **RT 50** features "hockey puck" style transmitter installed and calibrated in connection head. Upper temperature limit of transmitter is 70°C (180°F). An extension nipple helps to isolate the head from process heat, but it may be necessary to mount the transmitter in an enclosure separate from the sensor.