



INTEMPCO MODEL	ELEMENT TYPE TOL	CIRCUIT TYPE	PROBE DIAMETER	PROBE MAT'L	FITTING TYPE	EXTENSION TYPE (LENGTH)	TERMINAL TYPE	PROBE LENGTH "L"
R*15	P 1	---	---	---	---	--- ( )	---	---
						(in inches)		(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

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

Other elements  
available. See end  
of RTD section.

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

PROBE DIA CODE
125
187
250
312
375
500

Other dia. and  
metric sizes  
available.

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.

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

See end of RTD  
section for details.

FITTING TYPE	CODE
1/8" NPT	F18S
1/4" NPT	F14S
3/8" NPT	F38S
1/2" NPT	F12S
3/4" NPT	F34S
1" NPT	F44S

**NOTE:**  
For R\*16 order adjustable  
fitting separately if needed.  
See accessories section.

CODE	TERMINAL TYPE
0	Bare Leads, Stripped
6L	Bare Leads, Closed Lugs for #6 Screws

For Other Termination Types,  
consult factory.

CODE	EACH CONDUCTOR	OVERALL JACKET	TEMP. RANGE
T	TEFLON (FEP)	TEFLON (FEP)	200°C (392°F)
T1	TEFLON (TFE)	NONE	260°C (500°F)
F	TEFLON (TFE)	TEFLON (TFE)	260°C (500°F)
M	TEFLON (FEP)	Alum. Mylar Drain Wire Teflon (Fep)	200°C (392°F)
K	KAPTON	KAPTON	260°C (500°F)
G	GLASS	GLASS	482°C (900°F)

**NOTES:**

1. For SS Armor Cable over Exten. add "A"  
to code e.g.: "GA".
2. For SS Overbraid Cable over Exten. add  
"S" to code e.g.: "GS".
3. Conductors are Stranded, normally 22ga  
for Single, 24ga for Duplex.

RTD's with hex fittings provide leak proof process or head connection. Sheath is welded to the hex fitting. They can be used as replacement elements for various head-type assemblies or can mounted for direct liquid or gas applications.