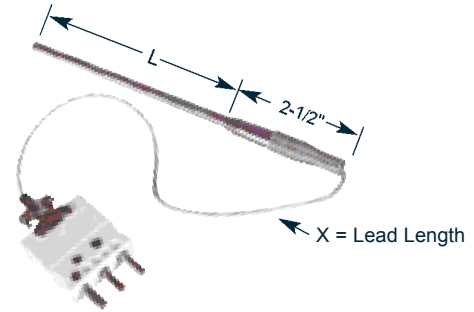


# RESISTANCE TEMPERATURE DETECTORS

## Series 404

- Superior Stability, Repeatability and Accuracy
- Vibration and Shock Resistant
- Industry Standard 3-Pin Quick Disconnect with Teflon flexible Lead Wire
- Standard Resistance Value 100 Ohms at 0°C, Others Available
- Standard Resistance Tolerance of  $\pm 0.1\%$  at 0°C
- Standard Temperature Coefficient  $.00385 \Omega/\Omega/^{\circ}\text{C}$
- Commonly Installed with Compression Fittings (Adapter) See Pages 118 to 119.



Enter a selection for each item, please fax your inquiry to TCR.

Example: 404 - A - 100 - F - 6 - 12 - 3 - 304 - 20 - 10 - 0

404 - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

CODE	Temperature Range	Insulation
A	-50°F to 350°F (-45°C to 175°C)	FEP Teflon
B	-50°F to 800°F (-45°C to 425°C)	Fiberglass
C	-50°F to 1100°F (-45°C to 600°C)	Ceramic
D	-50°F to 1100°F (-45°C to 600°C)	Compacted MgO

RESISTANCE VALUES	
Standard: 100 Ohms at 0°C	
On request: 200, 400, 500 and 1000 Ohms	

CODE	SHEATH DIAMETER
D	.125" (A and B Temp. Range only)
E	.187"
F	.250"

IMMERSION LENGTH "L"
Specify in inches

LEAD LENGTH "X"
Specify in inches

CODE	NUMBER OF WIRES
2	2 Wire
3	3 Wire
4	4 Wire
Code 3 wire is standard	

CODE	OTHER PERTINENT DATA
0	NONE
Specify temperature coefficients and tolerance if other than standard. Specify duplex, or triplex RTD bushing etc, as required.	

CODE	TERMINATION STYLE
10	111 2-pin for 2 wire
40	3" Pig Tail (Bare Wire End)
70	151 3-pin plug for 3 wire
Code 10 and 70 are standard for 3 and 2 wire. Not available for 4 wire.	

CODE	LEAD WIRE
10	Fiberglass (standard)
1S	Fiberglass w/SS Overbraid
1F	Fiberglass w/SS Flexhose
20	Teflon
2S	Teflon with SS Overbraid
2F	Teflon with SS Flexhose

CODE	SHEATH MATERIAL
304	304 Stainless Steel
316	316 Stainless Steel
304 Stainless Steel standard temperature Range A, B, C	
316 Stainless Steel standard Temperature Range D.	
Specify other material	