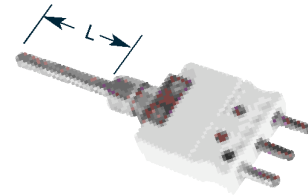


# RESISTANCE TEMPERATURE DETECTORS

## Series 303

- Superior Stability, Repeatability and Accuracy
- Vibration and Shock Resistant
- Industry Standard 3-Pin Quick Disconnect
- Standard Resistance Value 100 Ohms at 0°C, Others Available
- Standard Resistance Tolerance of ±0.1% at 0°C
- Standard Temperature Coefficient .00385 Ω/Ω/°C
- Commonly Installed with Compression Fittings (Adapter) See Pages 118 to 119.



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

Example: 303 - A - 100 - F - 5 - 3 - 304 - 0

303 -  -  -  -  -  -  -

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 01 to 99.  
For lengths over 99 inches consult factory.

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 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.	

### CODE NUMBER OF WIRES

2	2 Wire
3	3 Wire
Code 3 wire is standard	

RTDs

**Metric Orders Welcome**

Place an **mm** in the appropriate selection box:

100 mm