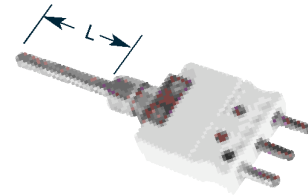


RESISTANCE TEMPERATURE DETECTORS

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 $\pm 0.1\%$ 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 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: <input type="text" value="100 mm"/> |