



- Available in both RTD's and thermocouples
- Copper tipped RTD's for fast time response and greater tip sensitivity
- Spring loaded fittings with 50 PSI rated fluid seals
- Available sheath diameters: 0.188", 0.215" & 0.250
- Cuttable design for field sizing
- Electrically isolated tip design available
- Wide temperature range
- Cast iron, aluminum and stainless steel connection heads available
- Custom OEM designs
- Use a Weed Instrument Sensor-Mate® temperature transmitter for 4-20mA output



Weed Instrument Company manufactures temperature sensors designed for use in the rotating equipment and turbomachinery industries. Weed Instrument's

temperature sensors provide an excellent indication of temperature to determine when oil breakdown occurs to prevent extensive damage to machinery. Our designs

provide for long life in tough applications. Weed Instrument will customize sensors to your exact specification.

## Bearing Temperature Sensors

### MODEL INFORMATION

Model	Description
101	General purpose temperature sensor
102	Copper tip temperature sensor
104	Electrically isolated, copper tip temperature sensor
110	Cutttable temperature sensor
112	Copper tip, cuttable temperature sensor
114	Electrically isolated, copper tip, cuttable temperature sensor
120	Patented <i>Breakable</i> <sup>®</sup> temperature sensor



Available Connection Heads.



Copper tipped RTD Sensors.

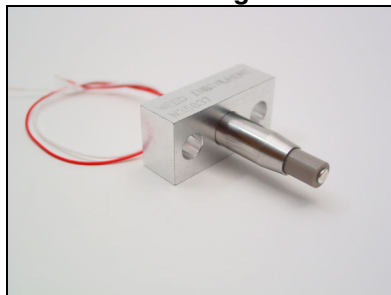


Patented *Breakable*<sup>®</sup> Sensor.

### Spring Loaded Fluid Seal Fitting Coding

Fluid Seal	Sheath Diameter	Style	Description
F = Fluid Seal	B = 0.188" C = 0.250" D = 0.215"	1 =	_ " X _" fitting that is fully adjustable sheath simply by sliding sheath within fitting. (Not available with 0.215" sheath diameter)
		2 =	_ " X _" fitting with access to the sensor from the back of the fitting (inside connection head) for removal / replacement. Adjustable.
		3 =	_ " X _" fitting with access to the sensor from the back of the fitting (inside connection head). Fully adjustable.

### Custom OEM Design



- > Spring loaded tip sensitive sensor
- > Mechanical dimensions match customers machinery
- > Highly accurate RTD sensor
- > Lightweight aluminum mounting block

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