



- 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 Sensor

ORDERING INFORMATION

Model	Description
101	General purpose temperature sensor
102	Copper tip temperature sensor
104	Electrically isolated, copper
110	Cutttable temperature sensor
112	Copper tip, cuttable temperature
114	Electrically isolated, copper tip, cuttable temperature sensor
120	Patented Breakable [®] temperature sensor

Code	RTD / Thermocouple Type
01B	100 ohm, Platinum, 0.00385 RTD
01A	100 ohm, Platinum, 0.003902 RTD
09C	10 ohm Copper RTD $\pm 0.2\%$ @ 25°C
12N	120 ohm Nickel RTD $\pm 0.5\%$ @ 0°C
JU	Type J Thermocouple, ungrounded
KU	Type K Thermocouple, ungrounded
TU	Type T Thermocouple, ungrounded
EU	Type E Thermocouple, ungrounded

Code	Construction Temperature Limit
A	500 F Maximum
C	900 F Maximum

Code	Number of lead Wires
2	2-Wire RTD or 2-Wire Thermocouple
3	3-wire (Lead compensation)
4	4-wire or dual Thermocouple
6	Dual 3-wire RTD
8	Dual 4-wire

Code	Sheath Diameter
B	0.187"
C	0.250"
D	0.215"

Code	Sensor Length
24	24" cuttable (27" sheath)
48	48" cuttable (51" sheath)
XXX.X	Specify length to nearest 0.1"

Code	Fluid Seal
FS5	Fluid seal

Code	Leadwire Length in inches
Zxxx	PTFE Insulated



Weed Instrument Company, Inc.
 707 Jeffrey Way, P.O. Box 300
 Round Rock, TX 78680-0300
 Phone: 512-434-2900 Fax: 512-434-2901
 Email: temperature@weedinstrument.com
www.weedinstrument.com

