

BEADED REPLACEMENT ELEMENT FOR NOBLE-METAL THERMOCOUPLES

How to build a part number:

To order an Applied Sensor Technologies temperature sensor, select the requirements for the categories listed below and fill in the corresponding boxes with your selection. Don't see exactly what you need? Give us a call!

SENSOR TYPE	ASSEMBLY STYLE	WIRE GAUGE	BEAD SHAPE	CALIBRATION	HOT JUNCTION	INSULATOR MATERIAL	BEAD LENGTH	LEADWIRE LENGTH

SENSOR TYPE

BTC – Beaded thermocouple

ASSEMBLY STYLE

51 – Replacement element for beaded noble-metal thermocouple styles (such as Style 81)

WIRE GAUGE

24 – 0.020" diameter

BEAD SHAPE

R – Round

CALIBRATION

R – Single R **RR** – Dual R
S – Single S **SS** – Dual S
B – Single B **BB** – Dual B

HOT JUNCTION

E – Exposed junction

INSULATOR MATERIAL

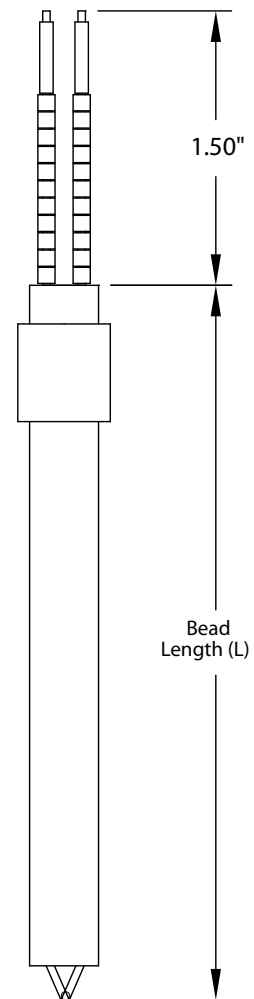
A – Alumina

BEAD LENGTH (length of insulator + junction)

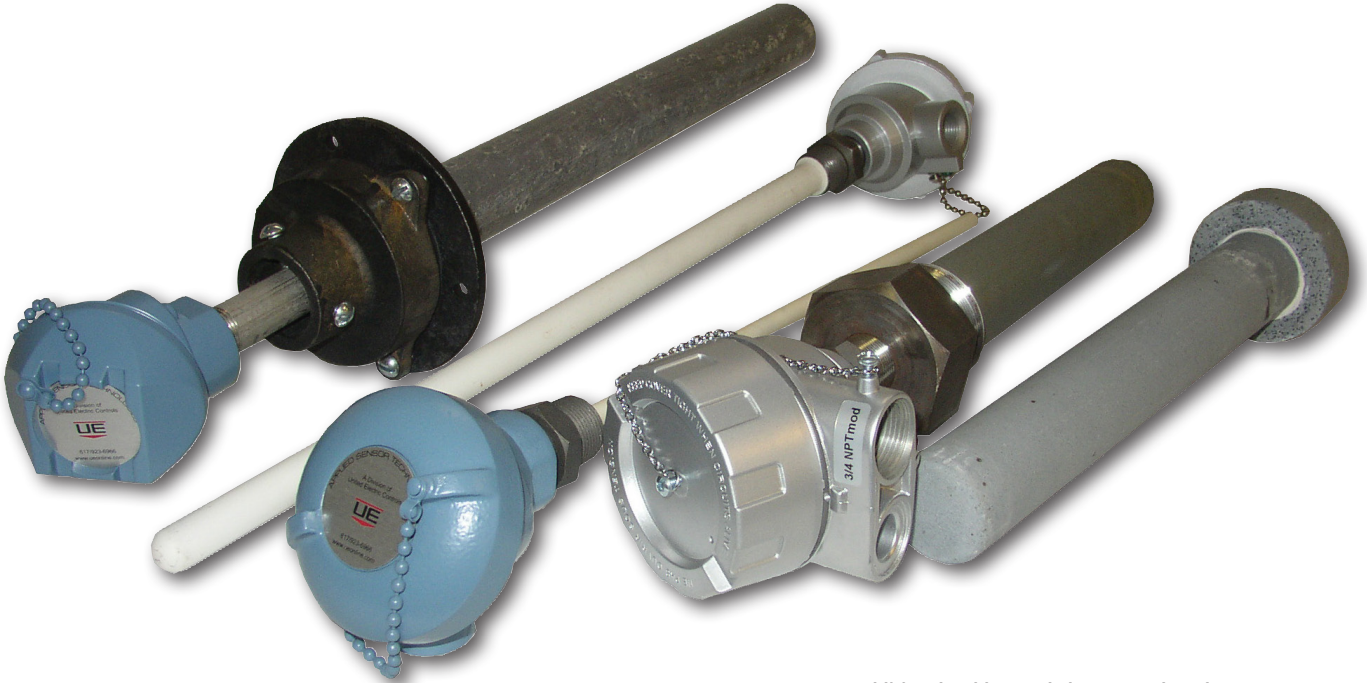
L# – (e.g., L12=12" insulator, including junction end)

LEADWIRE EXTENSION LENGTH (length of wires at cold end)

X# – (e.g., X3=3" leadwire extension)

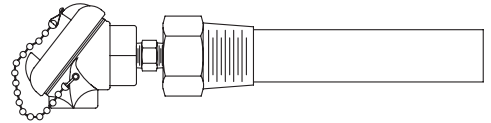


STYLE 51

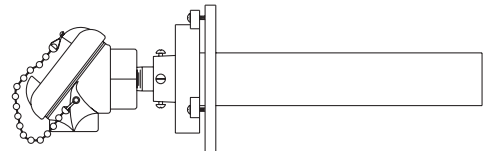


For additional Noble Metal Thermocouple styles, see:

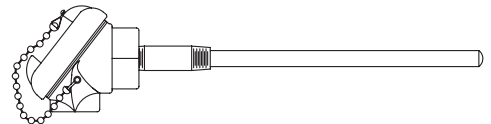
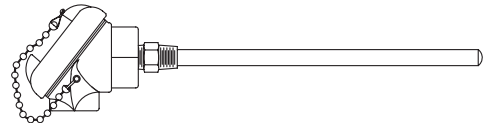
Style 81B – Secondary tube with mounting bushing



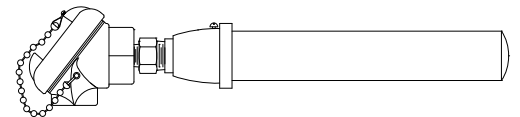
Style 81F – Secondary tube with mounting flange



Style 81N – Single, primary protection tube only



Style 81C – Secondary tube with mounting collar



Applied Sensor Technologies offers a wide variety of constructions using the Style 51 element. Some of the more common Styles are listed at the right. Many others are available to meet your requirements.

Give us a call!