

BEADED REPLACEMENT ELEMENT FOR BASE-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

50 – Replacement element for beaded base-metal thermocouple styles (such as Style 80)

WIRE GAUGE

08 – 0.128" diameter (K and KK calibrations only)

14 – 0.064" diameter

BEAD SHAPE

R – Round

CALIBRATION

J – Single J

JJ – Dual J

K – Single K

KK – Dual K

HOT JUNCTION

U – Ungrounded junction

E – Exposed junction

TE – Twisted, exposed junction (single calibration only)

INSULATOR MATERIAL

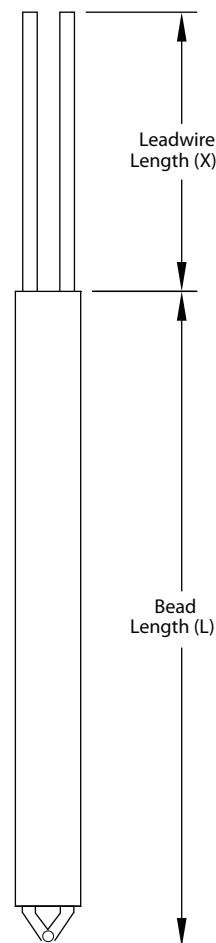
M – Mullite

BEAD LENGTH (length of insulator + junction)

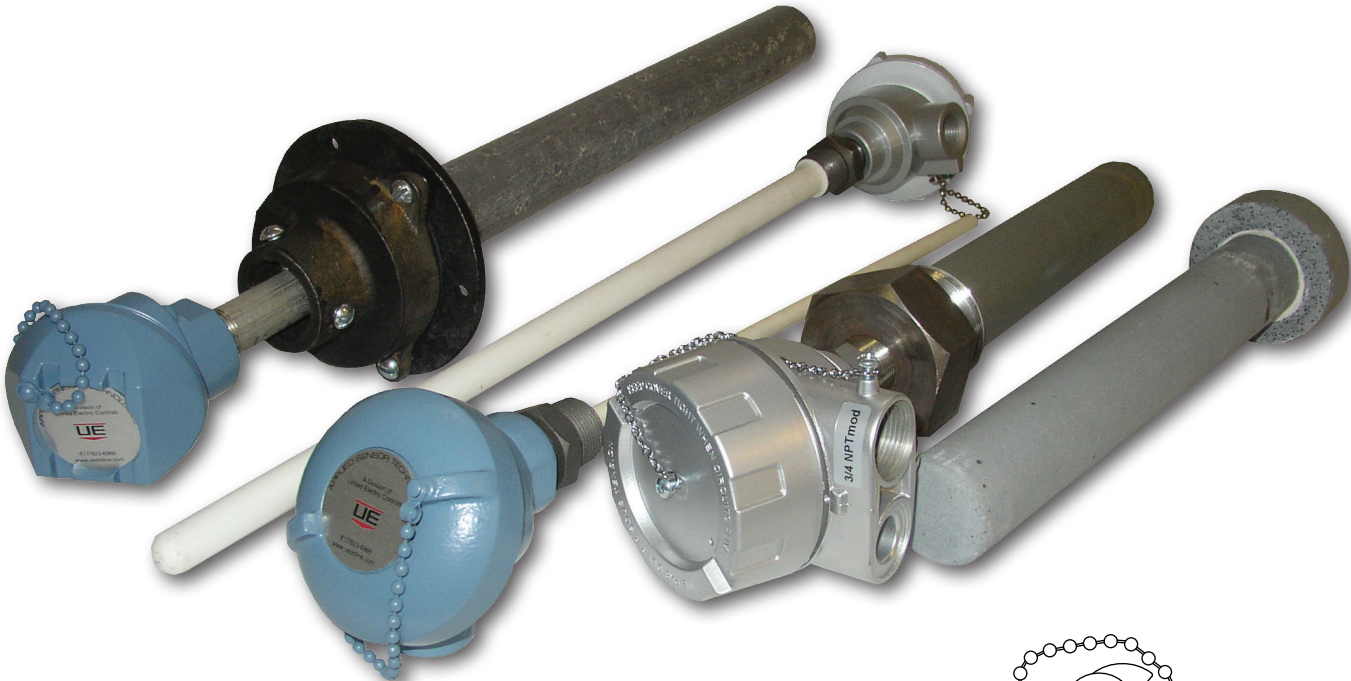
L# – (e.g., L12=12" insulator, including junction end)

LEADWIRE EXTENSION LENGTH (length of wires at cold end)

X# – (e.g., X3=3" leadwire extension)



STYLE 50



Applied Sensor Technologies offers a wide variety of constructions using the Style 50 element. Many are based on the common Style 80 shown at the right. Many others are available to meet your requirements.

Give us a call!

