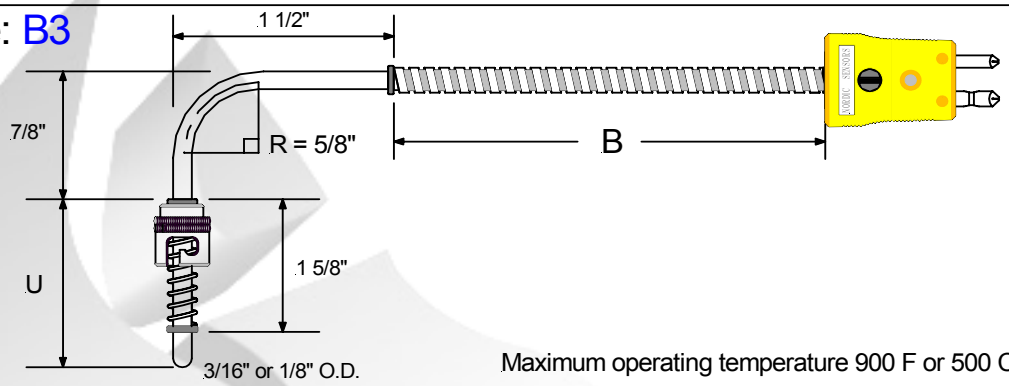
Plastic Industry Thermocouples

Fixed Bayonet Style Thermocouple. 90° Bend.

Model Code: B3



Maximum operating temperature 900 F or 500 C.

A	B	C	D	E	F	G	H	I		J	K
B3									–		

A Outside Diameter

A	1/8"
B	3/16"
C	1/4"

B "U" Dimension

Specify " U " Length In Inches 0 6

Example "U" is 6" = 06

C "U" Length Fractional

A	0"
B	1/8"
C	3/16"
D	1/4"
E	1/2"
F	5/8"
G	3/4"
H	7/8"

D "B" Dimension

Specify " B " Length In Inches 0 4 8

Example "B" is 48" = 048

E Calibration

	+	–
J	White	Red
K	Yellow	Red
T	Blue	Red

F Junction Styles

Element Description	Grounded	Ungrounded	
	Common	Common	Isolated
Single	G		U
Duplex	D	C	I

G Cable Conductor Description

1	24 Gage, Solid Conductor
2	24 Gage, 7 Stranded Conductors
3	20 Gage, Solid Conductor
4	20 Gage, 7 Stranded Conductors

H Cable Insulation Description

A	Fiberglass Insulation: 950F / 510C
B	Teflon Insulation: 500F / 260C
C	P.V. C. Insulation: 221F / 105C
D	Teflon, Shielded + Drain Wire
E	P.V.C., Shieded + Drain Wire

I Outer Jacket Protection

1	None
2	Stainless Steel Braid
3	Armor Flexible Cable: 0.280" Outside Diameter
4	Armor Flexible Cable 0.210" Outside Diameter

Metal Braid Protection not available on P.V.C insulation cable.

J Termination

A	3 1/2" Split leads & bare ends
B	3 1/2" Split leads & No.10 spade lugs.
C	Standard Male Plug (350 F)
D	Standard Female Jack (350 F)
E	Mini Male Plug (350 F)
F	Mini Female Jack (350 F)

K Termination Options

1	None
2	Bx Connector
3	Cable Clamp

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