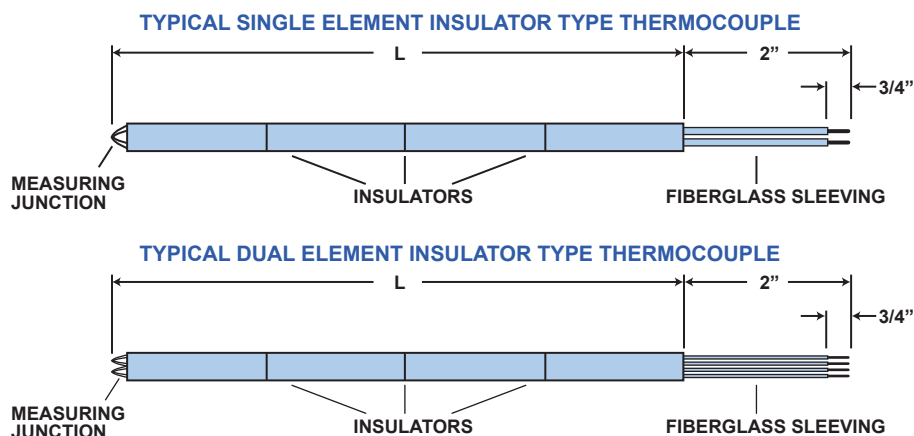


INSULATOR TYPE ELEMENTS

INSULATOR TYPE THERMOCOUPLES

Insulator type thermocouple elements have been used since the turn of the century. When used inside a thermowell or protecting tube they can provide reliable, low cost service in many applications. Extra care should be taken to protect insulator type elements from chemical contamination which can cause erroneous readings to develop. Insulator type thermocouples can be shortened in the field in a matter of moments by simply removing one or more insulators and cutting the conductors to the desired length.



ORDER SYMBOL	WIRE GAUGE	MAXIMUM INSULATOR OD		AVAILABLE CALIBRATION TYPES
		SINGLE ELEMENT	DUAL ELEMENT	
BE20	20	.220"	.220"	E, J, K & T
BE16	16	.260"	.312"	E, J & K
BE14	14	.312"	.312"	E, J, K & T
BE8	8	.445"	.645"	E, J & K

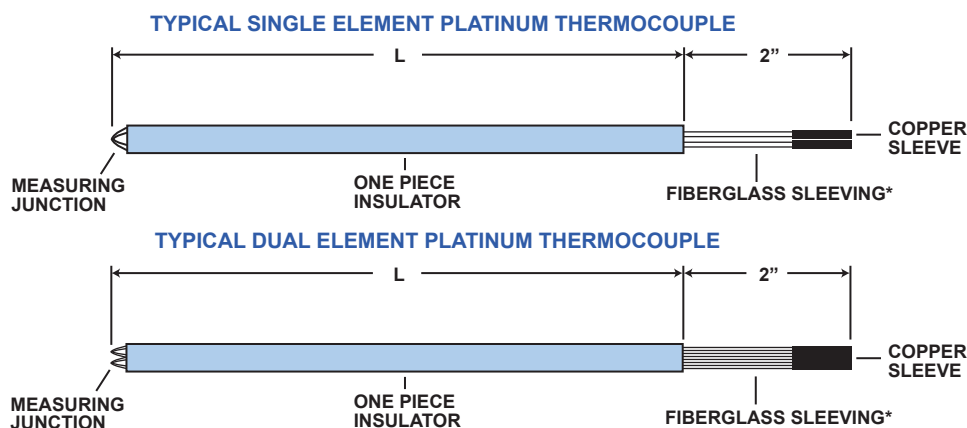
To Order:

Complete the part number by inserting a single letter calibration symbol for single element or a double letter calibration symbol for dual element and indicate the "L" length in inches.

EXAMPLES: BE14K—18, Type K, single element, L = 18". BE14KK—18, Type K, dual element, L=18".

PLATINUM INSULATOR TYPE THERMOCOUPLE ELEMENTS

Platinum insulator type thermocouple elements are available with either Mullite or high purity Alumina insulators. To minimize the possibility of silica contamination, Alumina insulators are recommended for temperatures above 2400°F (1316°C). In either case, a single one-piece insulator is used on elements 36 inches or less in length. The use of a one-piece insulator provides optimum support and protection for the delicate platinum conductors. As a standard feature, platinum elements are terminated with copper sleeves. Copper sleeves provide a convenient, durable means of connecting platinum elements to a connector block without damaging the soft, platinum conductor wires.



ORDER SYMBOL	WIRE GAUGE	INSULATOR MATERIAL	MAXIMUM INSULATOR OD		AVAILABLE CALIBRATION TYPES
			SINGLE ELEMENT	DUAL ELEMENT	
BP24M	24	Mullite	.200	.200	R, S & B
BP24A	24	Alumina	.200	.200	R, S & B

*Fish Spine beads may be substituted for the fiberglass sleeving at no extra charge.

To Order:

Complete the part number by inserting a single letter calibration symbol for single element or a double letter calibration symbol for dual element and indicate the "L" length in inches.

EXAMPLES: BP24MS—18, Type S, single element, L = 18". BP24MSS—18, Type S, dual element, L = 18".