conveyor belt temperatures or any other moving part by riding gently on the part surface. • Continuous use at 200°C (400°F), 260°C (500°F) for limited periods

- Low mass
- Fast response
- Totally insulated construction

It can also be used to measure

Available in Type J or K

Kapton® Thermocouple with Bracket Rapid Ship sensors with 30 gauge solid thermocouple wire, with fiberglass insulation

and split lead termination.

	Lead Length		
Calibration	in.	(cm)	Part No.
	48	(122)	OKJ30B4A
J	96	(244)	OKJ30B4B
IZ.	48	(122)	OKK30B4A
K	96	(244)	OKK30B4B

Thermocouples

Aluminum

Bracket

General Applications Kapton® Bracket Style

The Kapton® thermocouple, when used with the aluminum bracket, has been designed primarily to measure roller temperature. By putting a light pressure on the roller, the Kapton® thermocouple measures roller surface temperature without using slip rings. This type of set-up greatly reduces lag time and eliminates the cost of slip rings and their associated maintenance problems.

Cost of slip rings and their maintenance problems.

1 in. (25 mm)

0.016 in. = 0.41 mm

1/4 in. = 6 mm

1/8 in. = 3 mm

1/2 in. = 13 mm

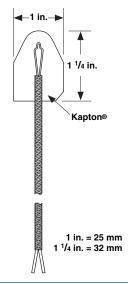
C.L. for

1/2 in. = 13 mm

0.016 in.

Side view of bracket

Low Profile Kapton® Peel and Stick Style



Low Profile Kapton® Thermocouple (without Bracket)

1/2 in.

When used without the bracket it can be placed between heated parts for accurate temperature measurement. At the thermocouple junction, the overall thickness is only 0.016 in. (0.4 mm), so that it does not interfere with fit or thermo conductivity.

Kapton® Peel and Stick

Rivet

This sensor needs no bracket and no special mounting. Simply peel away the backing and this self-adhesive film will bond to almost any surface. Temperature ratings for continuous use is 200°C (400°F).

Rapid Ship sensors with 30 gauge solid thermocouple wire, with fiberglass insulation and split lead termination.

Calibration	Lead in.	Length (cm)	Part No.
J	48	(122)	OKJ30B2A
	96	(244)	OKJ30B2B
K	48	(122)	OKK30B1A
	96	(244)	OKK30B1B

Rapid Ship sensors with 30 gauge solid thermocouple wire, with fiberglass insulation and split lead termination.

Lea	d Length	
in.	(cm)	Part No.
48	(122)	OKJ30B11A
96	(244)	OKJ30B11B
48	(122)	OKK30B10A
96	(244)	OKK30B10B
48	(122)	OKK30B12A
96	(244)	OKK30B12B
	in. 48 96 48 96 48	48 (122) 96 (244) 48 (122) 96 (244) 48 (122)

Newbury Nozzle Style

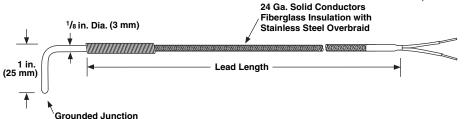
A direct replacement for OEM Type J nozzle thermocouples held in place with a set screw. The sheath is ¼ inch diameter with a 90 degree bend and a spring strain relief.

Ordering Information

With 48 inch metal braided leads part no. **125J2A23D**

With 60 inch metal braided leads

part no. **125J2A23E**



Kapton® is a registered trademark of E.I. du Pont de Nemours & Company.