

Thermocouples

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.

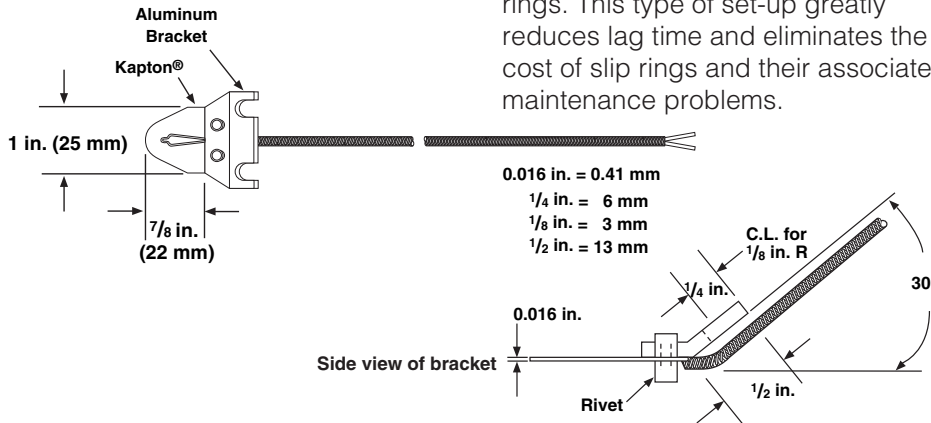
It can also be used to measure conveyor belt temperatures or any other moving part by riding gently on the part surface.

- Continuous use at 200°C (400°F), 260°C (500°F) for limited periods
- Low mass
- Fast response
- Totally insulated construction
- 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.

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



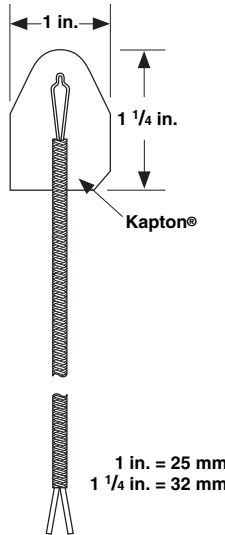
Low Profile Kapton® Peel and Stick Style

Low Profile Kapton® Thermocouple (without Bracket)

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.

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

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



Kapton® Peel and Stick

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 Length in. (cm)	Part No.
J	48 (122)	OKJ30B11A
	96 (244)	OKJ30B11B
K	48 (122)	OKK30B10A
	96 (244)	OKK30B10B
T	48 (122)	OKK30B12A
	96 (244)	OKK30B12B

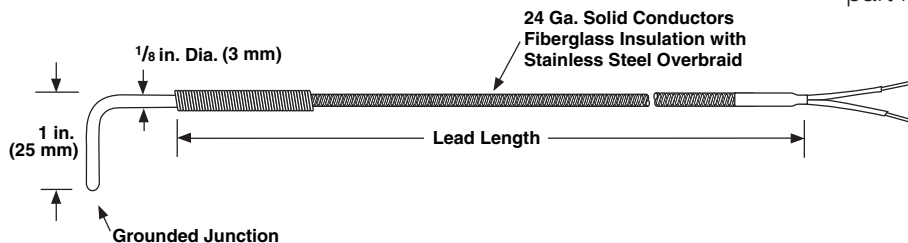
Newbury Nozzle Style

A direct replacement for OEM Type J nozzle thermocouples held in place with a set screw. The sheath is 1/8 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**



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