

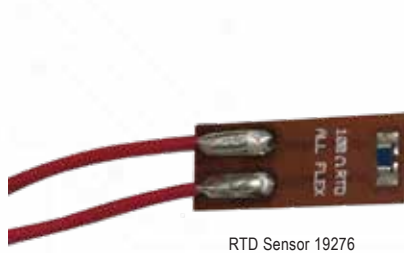
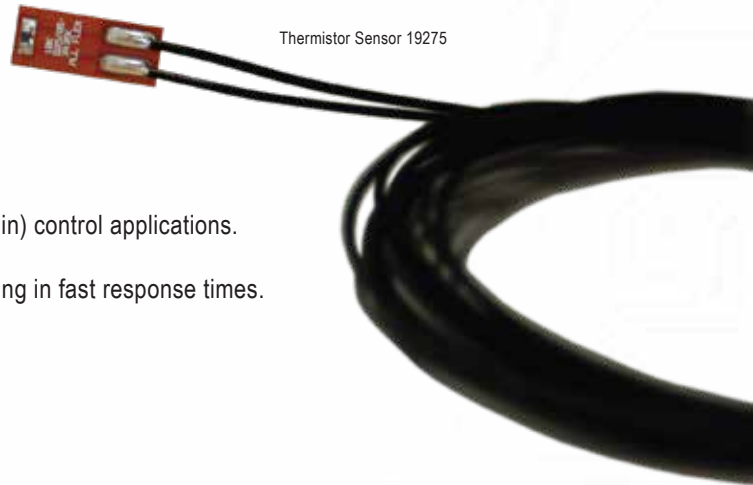
## All Flex Sensors

### Low Profile Surface Attached Temperature Sensors

All Flex's polyimide-based temperature sensors are ideal for single-point temperature sensing for thermal control. Resistance sensors can be utilized with most industry-available controllers to provide accurate, repeatable, and reliable thermally controlled closed loop systems.

Supplied with pressure sensitive adhesive on the rear surface, sensors permanently attach to flat surfaces that experience the thermal change.

- Low Profile: Under .045" thick.
- Size: .5" X .2".
- Lead Wires: Length 36", Gauge 26
- Can be used in heat (temp peak) control or in low temperature (temp min) control applications.
- Polyimide substrate enables quick thermal transfer to the sensor resulting in fast response times.
- Mounting Surface: Flat, Non-flexing.
- Mounting Adhesive Type: Pressure Sensitive/PSA (Peel and Stick).
- Topside Insulation: None.



#### Models:

##### PN 19275

Thermistor-based 10K  
Operates with All Flex Controller AFTC-5000  
Negative Temperature Coefficient (NTC)  
Thermistor accuracy: +/- .5 F

##### PN 19276

RTD-based  
Positive Temperature Coefficient (PTC)  
100 Ohm Platinum (0.00385 TCR) +/- 0.12%  
Meets EN60751 Class B  
Temperature Range: -55C to 155C

### Warranty and Disclaimer

Two Year Limited Warranty. Purchasers are responsible to determine the fitness of use, the model selection, and the application of All Flex products. Above claims are general performance guidelines only. All Flex's sole responsibility under this warranty, at All Flex's option, is limited to replacement or repair, with the purchaser responsible for the cost of shipping to All Flex for service. No claims will be allowed for direct or indirect damages beyond this product.