

# NON-CONTACT SENSOR (Infrared sensing temperature detector)

## NC SENSOR

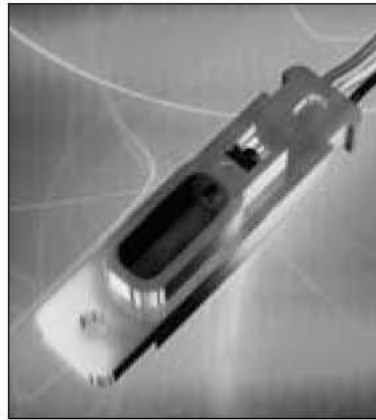
NC SENSOR is the remote temperature sensor consisting of two precision thermistors.

### 1. Features

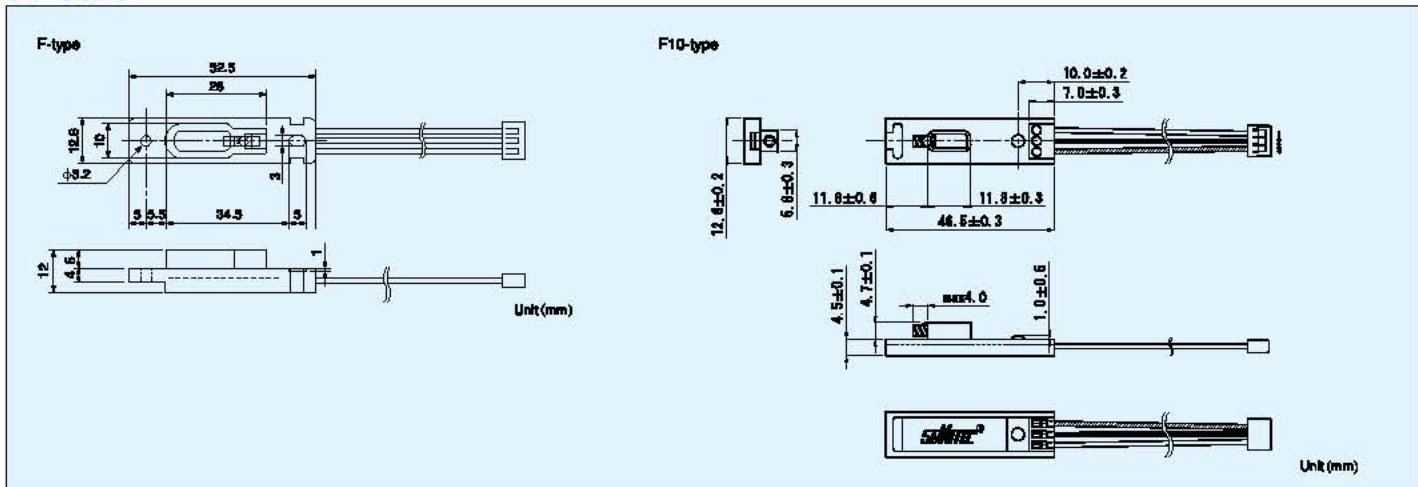
- Larger output in comparison with other IR sensors.
- Operating temperature of up 150°C. (M-type : 130°C)
- Minimum negative influence caused by a dew and/or dust.

### 2. Applications

- Temperature measurement of the LBP and PPC heat-roller.
- White goods such as microwave-ovens, air-conditioner, refrigerator and so on.
- Any other measurement requiring the remote-sensing.



### 3. Dimensions



### 4. Specifications

Parameters	F-type		F10-type	
	Performance	Conditions	Performance	Conditions
Accuracy Temperature	180°C±3°C	Blackbody Temperature : 180°C Thermal Emissivity : 0.98 Compensation Temperature : 100°C Roller Size : φ40mm Test Distance : 5mm Resistor Connected : 33.0kΩ Power Line Voltage : DC 5.000V	180°C±3°C	Blackbody Temperature : 180°C Thermal Emissivity : 0.98 Compensation Temperature : 100°C Roller Size : φ40mm Test Distance : 5mm Resistor Connected : 33.0kΩ Power Line Voltage : DC 5.000V
Field of View				
Operating Temperature Range	-10°C ~ +150°C			
Temperature Detection Range	-10°C ~ +280°C			

The NC SENSOR is a custom-made product. Please consult our sales staff.