

Non-Contact (IR) Temperature Sensors

NC SENSOR

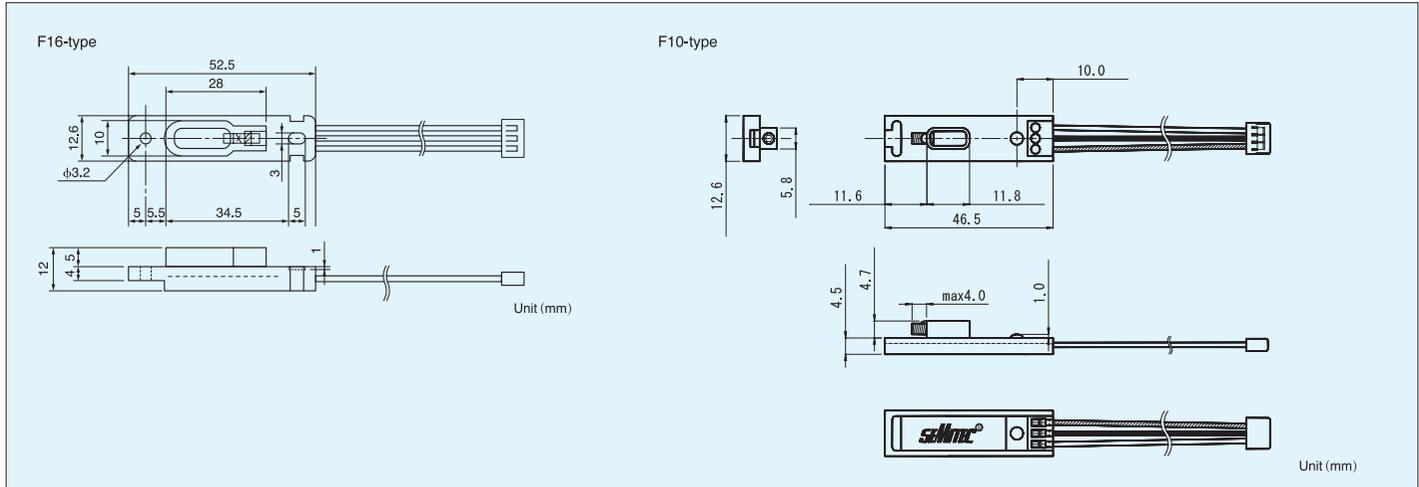
NC sensors are non-contact (IR) sensors which can be used in a great number of environments. The structure includes two high-precision thermistor sensors.

Applications

- LBP, PPC heat-fuse rollers (Office applications)
- Automotive: Rollers and other moving parts
- Rotating engine parts
- High pressure environments
- Measurement of pharmaceuticals and chemical substances



3. Dimensions



4. Specifications

Parameters	F16-type		F10-type	
	Performance	Conditions	Performance	Conditions
Accuracy Temperature	180°C±3°C	Blackbody Temperature : 180°C Thermal Emissivity : 0.96 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 : 0.96 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~+260°C			

(This sensor is custom-made according to our customers' requirements. Please contact us.)