



## Blood Temperature Monitoring Sensor

This temperature sensor monitor the temperature of the liquid warmer bag used in dialysis equipment for medical application. The sensor provides an ambient temperature compensated output temperature that is proportional to the liquid warmer bag surface temperature. The signal can be used as a control liquid temperature inside of warmer pouch.

### Features

- High accuracy and long term stability
- Fast response time
- 3 different object detection
- RoHS Compliant (Directive 2002/95/EC)
- I2C communication
- JST SH connector



### Applications

- Dialysis equipment
- Non contact temperature detection

### Ordering Options

Part Number	IMF055M00
Operating room Temp. range	15°C to 37°C
Operating humidity range	15% to 95% Relative Humidity (No condensation)
Temperature accuracy	$\pm 0.5^{\circ}\text{C}@39^{\circ}\text{C}$