

Reference : PS-2197



This sensor determines the surface temperature by detecting the infrared emitted. This makes it possible to measure the temperature of an object or a surface without even touching it.

This allows the following applications:

- Measurement of ice temperature when it melts
- Measurement of body temperature during physical exercise.
- Comparison of the energy absorbed by different materials exposed to the sun.

Technical characteristics:

- Range of measurements:  $-70^{\circ}\text{C}$  to  $+380^{\circ}\text{C}$
- Precision:  $\pm 0.5^{\circ}\text{C}$
- Response time: less than 0.1 s
- Max. Sampling rate: 200 Hz
- Measurement angle:  $35^{\circ}$