

## Measurement principle

*Resistor variation of a non inductive wire of platinum according to the temperature*

## Metrological characteristics

*Range : : -40°C à + 70°C*

*Accuracy : ±0,12°C à -40°C  
±0,07°C à 0°C  
±0,12°C à +70°C*

*Resistor : 92,13Ω à -20°C  
100Ω à 0°C  
107,79Ω à +20°C  
115,54Ω à +70°C*

## Using

- *Under radiation shield*
- *In air : level 0, +10 cm, +20 cm, +50 cm, +100 cm and others on request*
- *In soil : level -10 cm, -20 cm, -50 cm others on request*

## Elaborated data by weather stations

- *Minimum, maximum, average, freezing duration*

## Maintenance

- *Calibration each 2 years*



## Connecting : output on 4 wires

