



PT100

Temperature sensor



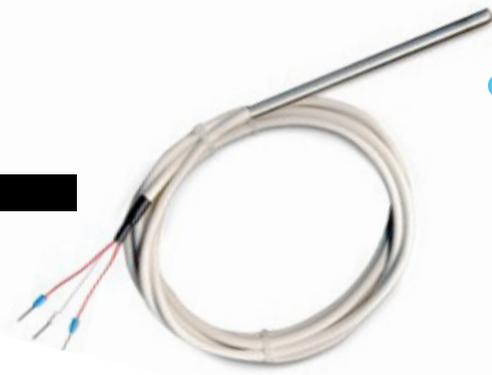
PT100 probe is a Resistance Temperature Detector (RTD) that contains a 100 Ω platinum resistor that changes its resistance value as temperature changes. Together with several other parameters, temperature readings are essential to evaluate evapotranspiration and consequently to identify the optimal irrigation scheduling.

FEATURES

- Accurate temperature readings
- High precision
- Waterproof
- IEC 60751

SPECIFICATION

Probe type	PT100 class B - 3 wires
Accuracy	± 0,30°C @ 0°C
Protective sheath	INOX 316L
Cable	PVC / PVC
Cable length	3 m
Frame dimension	Ø 6 mm, length 100 mm
Operating temperature	-40°C. to 105°C
Wiring & Connection to Tempus Air MS	White: to be connected with Tempus Air MS (S4) positive orange wire (+) Red (one of the two): to be connected with Tempus Air MS (S4) negative orange wire (-)



Compatible with Tempus® Air MS Multi Sensors Modules (S4)



INSTALLATION

The PT100 cable must be laid linearly, without creating windings.

Codification

Code	Description
IT-PT100	Temperature sensor (PT100)