

MT-052-T Temperature sensors

Technical Specifications

Accurate measurement

T-type thermocouple temperature sensor

Outstanding durability

Natural ventilation which requires no power supply

Great cost performance

The MT-052-T temperature sensor with Radiation Shield has an integrated T-type thermocouple (copper-constantan) sensor. It is designed to measure air temperature under all environmental conditions.

The radiation shield consists of 10 plastic plates and a metal mounting arm with clamp to mount to any pole. The passive shield is shaped to allow natural air convection around the sensor while it is minimizing direct exposure to sunlight from all directions, so the air temperature inside the shield is a good representation of the outside air. The shield also provides protection from rain.

A variety of cable lengths is available to encompass most application requirements and simplify wiring sensors.

	MT-052-T
Operating temperature range	0 - 60 °C
Accuracy	+/- 0.15 °C
Sensor unit	T-type thermocouple, 2 wire
Dimensions mm	130 x 260

Specifications are subject to change without further notice.