

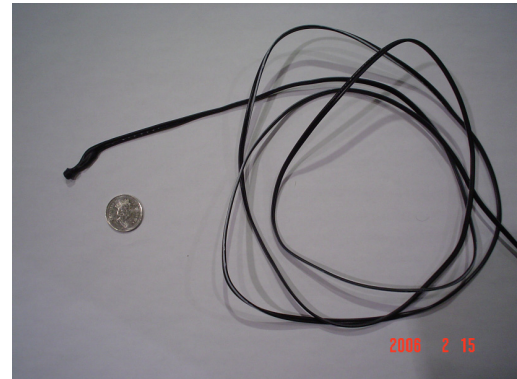
950-0590 Case temperature probe specification & installation

Case Temperature Sensor

This type of probes is designed to measure the temperature inside frozen or refrigerated cases or box.

Specifications

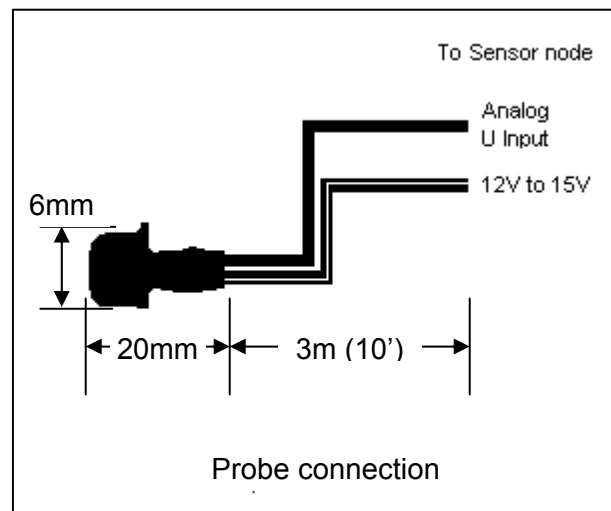
Probe application	Case Sensor
Sensor type	AD590 1 μ A/°K
Power	12-30VDC
Sensor Operating Temperature Range	-55 to 100 °C (-67 to 212 °F)
Finish type	Black rubber coating
Wiring Connections	3m (10') Pig Tail (2 wire)
Accuracy before calibration	$\pm 2.5^{\circ}\text{C}$ at 25°C ($\pm 4.5^{\circ}\text{F}$ at 77°F)



Physical Installation

This probe must be installed on the case discharged air honey comb or in the room evaporator returned air side.

Use the nylon bushing 250-0042 in metal wall hole to protect the probe wire.



Wiring & Color codes

Connect marked wire to 12 or 15V DC. Connect the other wire to sensor node input terminal. See diagram for more detail.

MT Alliance Installation

Drop as a 950-0590 sensor model

Other available temperature probe (* = regular stock)

MTT Part Number	Probe application	Sensor Type	Drop as
950-0590 *	Case probe for MT2000	AD590	950-0590
023-0073 *	Case bullet probe thermistor	10k type 2	023-0073
023-0072 *	End defrost pipe probe	10k type 2	023-0072
Call MTT	Other	Other	