



Infrared tire and track temperature sensor. Accurately measures the surface temperature of any surface. Fast response time and highly accurate measurements sent via a 0-5V signal.

Sensor range: 0-300°C. 32-572°F

Output signal: 0-5V

Supply voltage: 6-24V.

Response time: 200ms.

Accuracy: $\pm 1\%$ or $\pm 1^\circ\text{C}$.

1m max detection distance.

M18 treaded stainless steel body for easy mounting in any location.

2m long black cable.

Installation:

Mount the sensor at 45° to the surface to be read.

Do not run wires parallel to noisy electrical wires like fans, pumps etc.

Ensure optical eye is always kept clean.

Clean sensor after each pass with dry cloth.

Install supplied plastic cap when not in use for added protection.

Wiring:

Red. Supply voltage. 6-24VDC.

Black. Clean ground. Sensor ground.

White. Signal. 0-5V

Clear. Shielded cable. Chassis ground (optional).

Voltage	Temp F		Voltage	Temp C
0	32		0	0
0.33	68		0.33	20
0.67	104		0.67	40
1	140		1	60
1.33	176		1.33	80
1.67	212		1.67	100
2	248		2	120
2.33	284		2.33	140
2.67	320		2.67	160
3	356		3	180
3.33	392		3.33	200
3.67	428		3.67	220
4	464		4	240
4.33	500		4.33	260
4.67	536		4.67	280
5	572		5	300