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Tire and track temp sensor.

Model: LDM-IR-TEMP

PN: 153300

- Make sure melted rubber does not block optical eye.
- Mount sensor at 45* angle and aim beam at center of tire.
- Do not run wires parallel to noisy electrical wires (fuel pumps, fans etc.)

Wiring

Red	Supply voltage	6-24VDC
Black	Ground Clean	Sensor Ground
White	Signal	0-5V
Clear	Shielded Cable	Chassis Ground/Optional.

Voltage	Temp F.
0	32
0.33	56
0.67	80
1	104
1.33	128
1.67	152
2.00	176
2.33	200
2.67	224
3.00	248
3.33	272
3.67	296
4.00	320
4.33	344
4.67	368
5.00	392

Technical specs

M18 Infrared Temperature Sensor
Product size (Diameter):M18*1mm
Output signal:0-5V
Sensor Length: 68mm
Measuring temperature: 32-392F(0-200C)
Supply voltage: DC12V
Response time: 240ms
Accuracy: $\pm 1\%$ or $\pm 1^{\circ}\text{C}$
Detect distance:2 feet (MAX: Within 1000mm)
Connection: 2-meter cable leads
Accessories: Mounting bracket