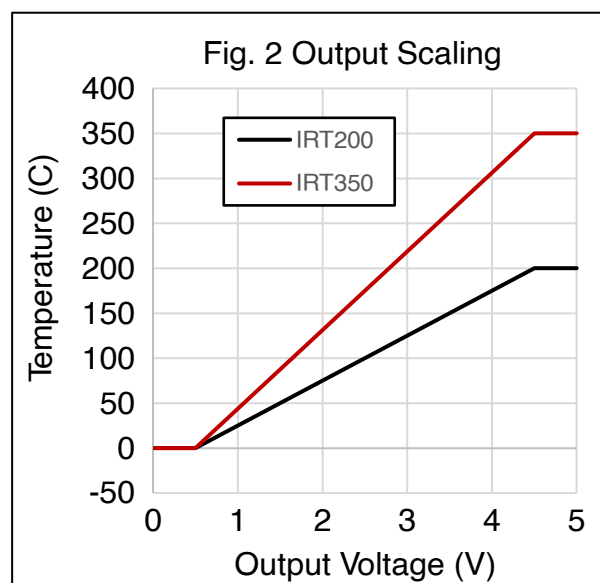
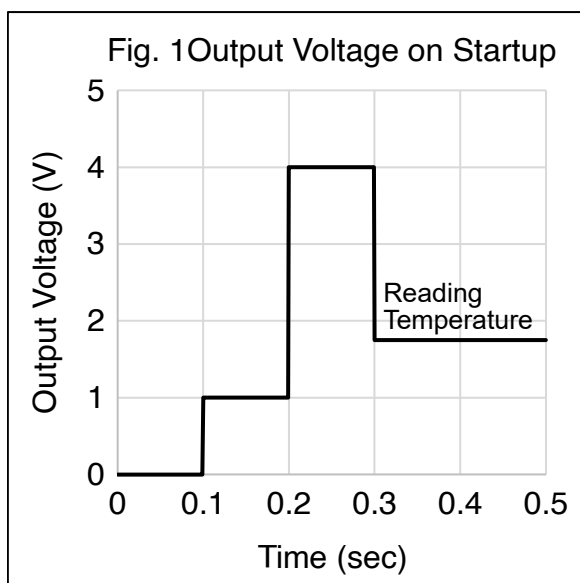


IRT200 and IRT350 Infrared Temperature Sensor

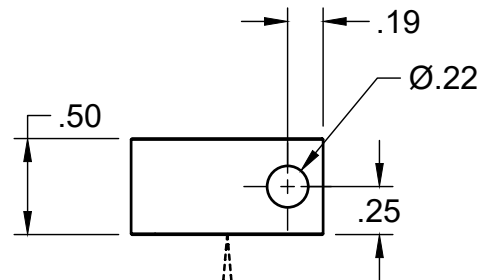
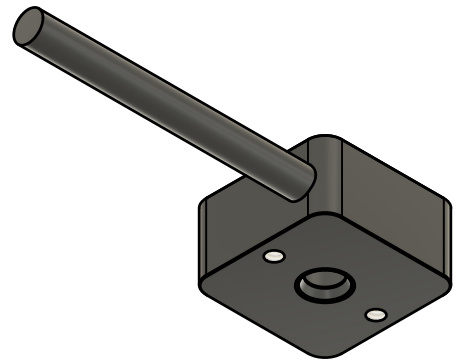


IRT200 and IRT350 are miniature infrared temperature sensors with a linear analog output. Ideal for measuring track surface temperature, tire temperature, or torque converter temperature. Standard scaling of 0-200C (32-392F) and 0-350C (32-662F) are available. A standard 30" long cable is integrated into the sensor. Flying lead and finished DTM connection options are available. Once powered on, the IRT output will go through the 0V, 1V, 4V sequence shown in Fig. 1, before outputting the current temperature reading. The output is scaled linearly from 0.5-4.5V as shown in in Fig 2.

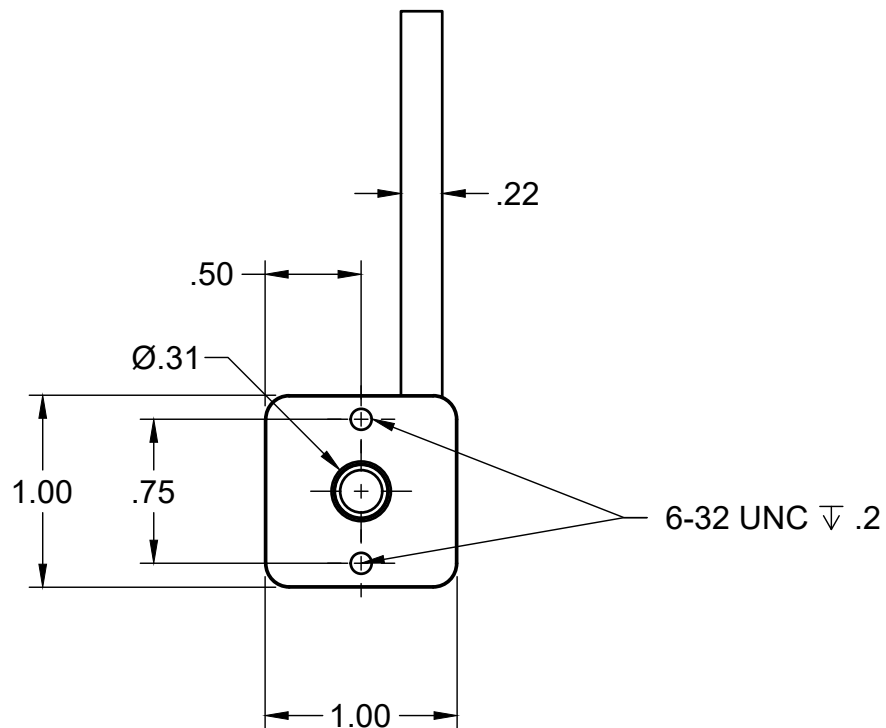


Pin	Color	Function
1	Brown	Power Supply
2	Black	Power Ground
3	White	0-5V Output
4	Blue	Do Not Connect

Item	Value	Units
Supply Voltage	5-18	V
Supply Current	10	mA
Output Voltage	0.5-4.5	V
Output Scaling IRT200 IRT350	0-200 (32-392) 0-350 (32-662)	C (F)



Beam angle: 10deg



Note: Standard Cable length is 30 inches