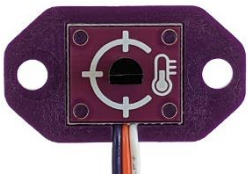


Temperature sensor bit datasheet



The temperature sensor bit is an input bit that measures temperature. The temperature reading can be read as either Fahrenheit (°F) or Celsius (°C).

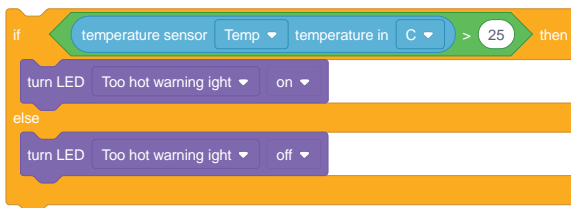
Use in ports	Stencil guide	Bit type	Block category
0 - 7	④	Input	Sensing

Programming blocks

The programming block for the temperature sensor bit is a sensing block.

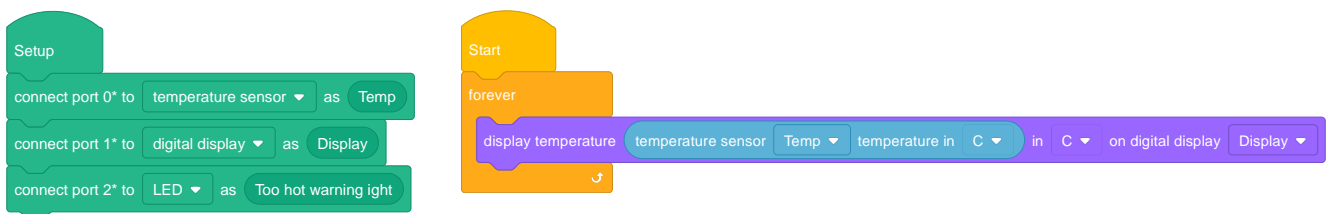


The temperature sensor block is usually used with operator blocks and control blocks like this:



Example program

This example program will continuously send the temperature sensor reading to the digital display in degrees Celsius.



In the real world

Temperature sensors are used in real world inventions such as home cooling and heating systems. The user sets the temperature, and the heater or cooler turns on and off based on whether the desired room temperature has been reached. This saves power by ensuring energy isn't wasted by making a room too cold or too hot.

