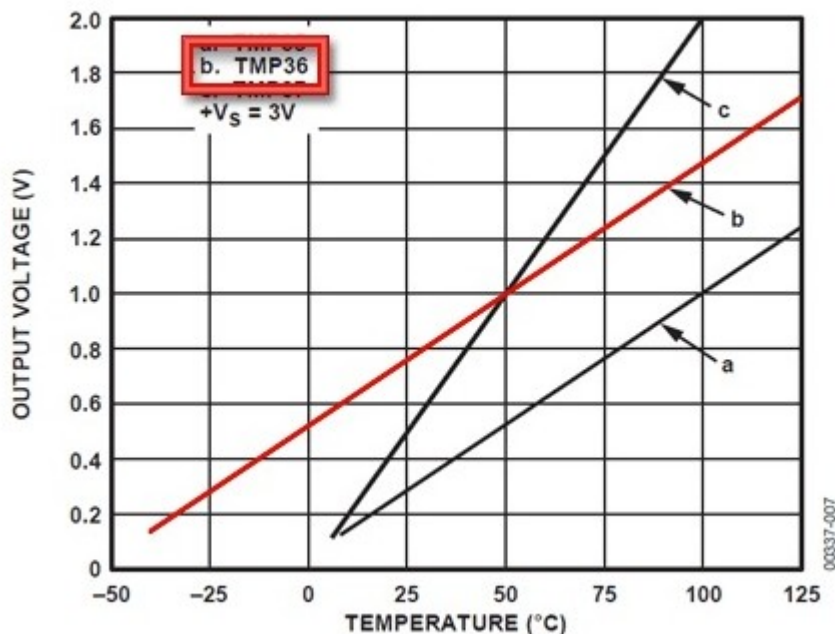


example of this is Quality Thermistors 'Z' curve it's by far the most common curve in the industry and most major thermistor manufacturers have a very similar curve offerings.



the Analog Devices TMP36 (-40 to 150°C). Its very similar to the LM35/TMP35 (celsius output) and LM34/TMP34 (fahrenheit output). The reason we went with the '36 instead of the '35 or '34 is that this sensor has a very wide range and doesn't require a negative voltage to read sub-zero temperatures. Otherwise, the functionality is basically the same.

10 mV/°C scale factor (20 mV/°C on TMP37)

±2°C accuracy over temperature (typ)

±0.5°C linearity (typ)