

What does the color code represent on my silicon diode?

The standard wire configuration of our Silicon Diode Thermometers is 4 leaded. There are two voltage leads, -V (Blue/Green) and +V (Yellow). There are two current leads -I (Red), and +I (Black).

What do I need to operate my Silicon Diode?

Normal excitation current is 10 microamps. A high impedance DVM can be used to read the voltage of the diode, or one of our temperature indicators, the Model 9302/9304/9308.

What is the warranty period on my diode?

Each diode is warranted for 90 days from receipt.

What does "Grouping" mean?

Simply stated, each Silicon Diode Grouping adheres to a generic temperature vs. voltage curve. This is due to the high degree of interchangeability from one sensor to the next. This allows SI to offer a high degree of accuracy at low cost, without the expense of a calibrated sensor.