

Labview Program Uses In Temperature Control

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ABSTRACT

The basic idea is to keep the system temperature in suitable range. So we compare the process variable (temperature of the system) with set points. Then the PID controller that is using Labview Program is transmitting the control signal via cable to control the driver of DC motor by using pulse width modulation technique. Fan motor is widely used to conduct forced air cooling on heat producing electronics, to radiate the heat outside, and to extend the life of electronics systems. This application describes the operation of 12v DC cooling fan typically used to supply cooling air to electrical equipments.

Keywords: Temperature Control; Engineering; Cooling Fan