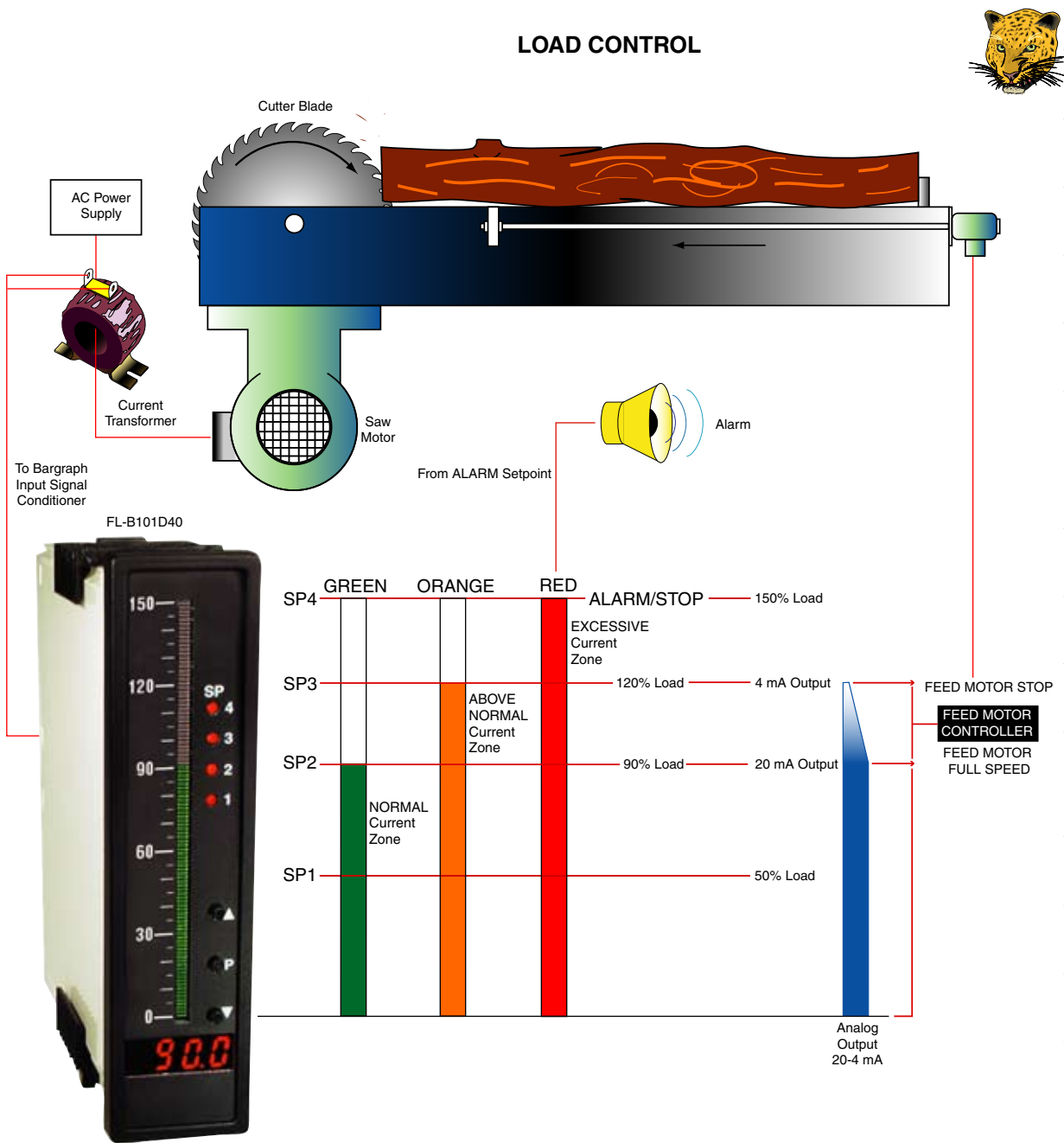


Our customer has a large log saw with a log feed motor and requires to optimize efficiency of the cutting operation. The log feed motor speed is controlled by the 4-20 mA output scaled from the saw blade motor current. As the saw motor load increases above 90% load, the log feed motor slows. If the load increases above 130%, the **feed motor** stops. If the load increases to 150%, the **saw motor** stops.

The motor load is represented on the tri-color bargraph. The bargraph scale indicates 1% steps in motor current, and changes from green to orange at 90% load and orange to red at 120% load. The digital display indicates saw motor amps.

LOAD CONTROL



APPLICATION FUNCTIONS



RELAY OUTPUTS

ANALOG OUTPUTS

INPUTS



AMPS AC

APPLICATION VARIATIONS

- 4 relay setpoints can be individually programmed to activate above or below the setpoint setting.
- Setpoints can be programmed with delay-on-make and delay-on-break time delay settings.