❑ **General Info**
❑ **Temperature**
❑ **Pressure**
❑ **Flow**
❑ **Speed**
❑ **Weighing**
■ **Process**

Ḁbsolute Process Instruments, Inc.
Manufacturer of Quality Signal Conditioners Transmitters & Isolators

Application Notes
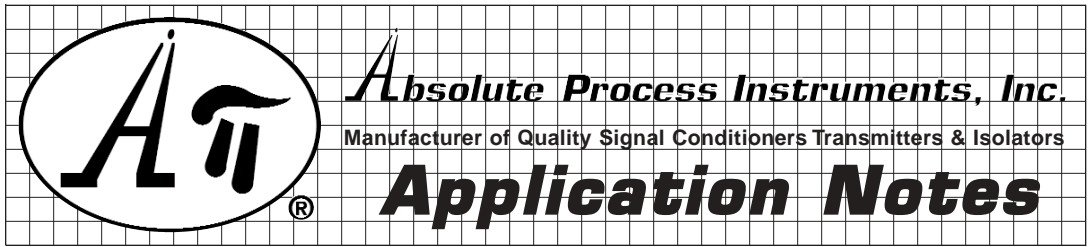
Monitoring Computer and Process Status

PROBLEM

A critical process is monitored by a computer which is powered independently. If power is lost to either the process or the computer, or if the computer locks up, an alarm is to be activated.

SOLUTION

The computer is programmed to produce an output of 100 Hz at its analog output port. This output will not be present when power to the computer is lost or when the program locks up for any reason.
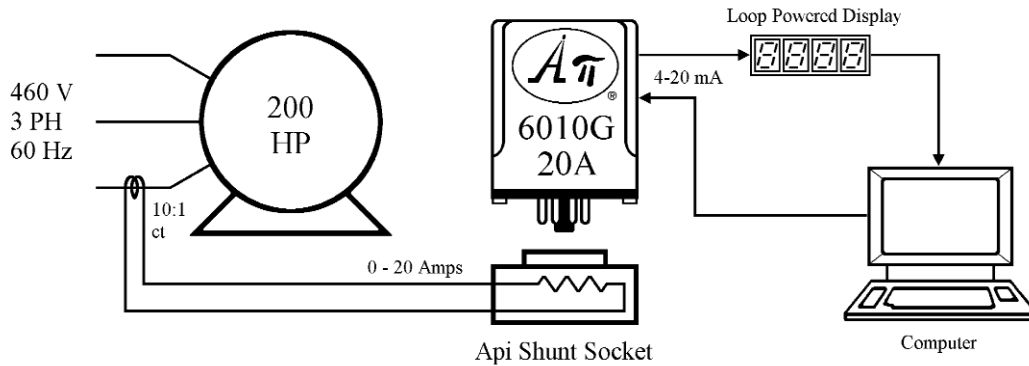
The **API 1700 G** Frequency Input Single Alarm Trip module monitors the 100 Hz analog output of the computer and holds its normally closed alarm trip contacts open as long as the output signal is present. If power is lost to the computer or if the program locks up, the contacts will return to their normally closed state and the battery powered alarm will be activated. Since the **API 1700 G** is powered from the same source as the process, the alarm will also be activated if power to the process is lost.

FREE APPLICATION ASSISTANCE
Call Aπ Customer Service
800-942-0315

Did You Know...?

Api will do non-standard and special ranges on all of our modules.