PRODUCT
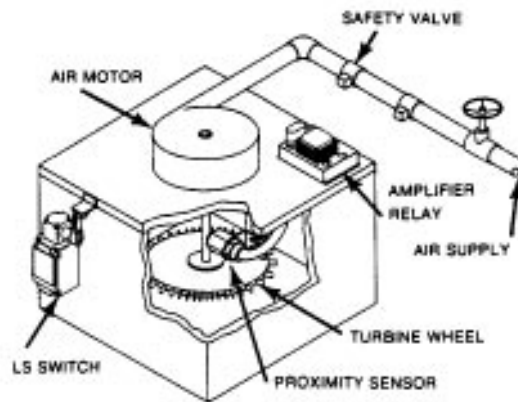GLS proximity sensor

APPLICATION DESCRIPTION
To make sure a turbine wheel is balanced, it is revolved at 60,000 RPM on a spindle in a cylindrical chamber. With the chamber lid open, a GLS limit switch prevents energizing the air motor which turns the spindle. Closing the lid actuates the switch to close a safety valve, which allows an air supply to energize the motor. Any unbalance of the turbine wheel is detected by a proximity switch sensor which opens the valve and stops the motor.