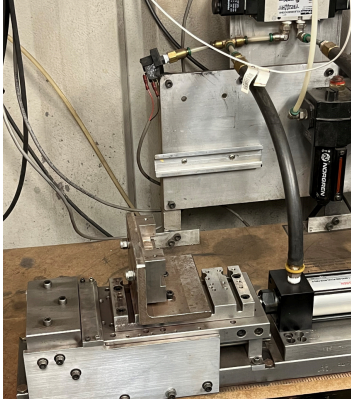


## Slam Dunk: RJG Finds Durable Solution with World Magnetics Pressure Switch Exceeding 70 Million Cycles



“Slammer” testing setup



Roger Case of RJG, Inc.

**Situation:** RJG, Inc (RJG), a full-service injection molding solutions company, sought out World Magnetics with the unique challenge of needing to count the number of cycles that their products endured in a testing application. RJG’s goal was to internally test products under the most extreme conditions to ensure their injection molding products could withstand the harshest applications.

**Solution:** World Magnetics provided a DesignFlex PSF103 Series pressure switch due to its reliability, and mechanical life of more than 10 million cycles suited the application’s robustness. RJG was delivered with a switch solution that can withstand up to 5 – 6 cycles per second. In typical applications, the World Magnetics PSF103 switch is subject to no more than 1 cycle per second.

For the last 5 years, the World Magnetics PSF103 switch has been exposed to the sheer force of RJG’s ‘slammer’. Utilizing the World Magnetics pressure switch, RJG gathers accurate data on the number of cycles their product endured.

“What impresses me is that the switch so far has run 70 million cycles and literally has not skipped a beat. The reliability is just unfathomable. In a few more years we will have well over 100 million on it.”

Roger Case, RJG Engineering Technician

Thanks in part to the World Magnetics pressure switch, RJG has been able to further improve its injection molding products and ensure product quality. World Magnetics switches provide reliability, durability, and validation to our customers and in turn, their customers.

As this partnership proves, World Magnetics pressure switches go beyond limits, exceed expectations, and can be customized to meet excessive demand conditions.

**MAKE THE SWITCH.**