

Product Life Cycle Expectations

Although each application is unique, Madison float switches and reed switch based products are manufactured with expectations to exceed 1 million operations. Madison Company manufactures over 350,000 switches and sensors each year with less than .02% defect rate. For both the vertical and horizontal float switch products, the most popular models were tested to over 3 million operation at rated electrical loads. After testing, the switches showed no indications of mechanical wear and did not miss a single operation. They were then dissected and showed no signs of electrical wear on the contacts.

If life cycle testing is required, we recommend testing in the expected conditions and application. Madison switches are commonly used in food steamers, floor scrubbers, military vehicles & equipment, and even fryers to 250°C. If you have more specific application concerns, please call your Madison representative for further assistance.