

Design Level Verification



Reliability Testing



Success Stories

Application Specific Sensors

One of our customers required a reliable, sealed sensor that could be exposed to pressure, humidity and temperature changes. This sensor was used to sense secondary flap controls for emergency airplane landings. We designed a custom part with special environmental sealing.



Reliable Results

We worked with an industrial joystick manufacturer to solve their harsh environment challenges. We solved these problems by offering a long life rotary non-contact solution with a custom output. We further simplified the customer's manufacturing process by providing a factory programmable hall chip package with IP66 sealing.



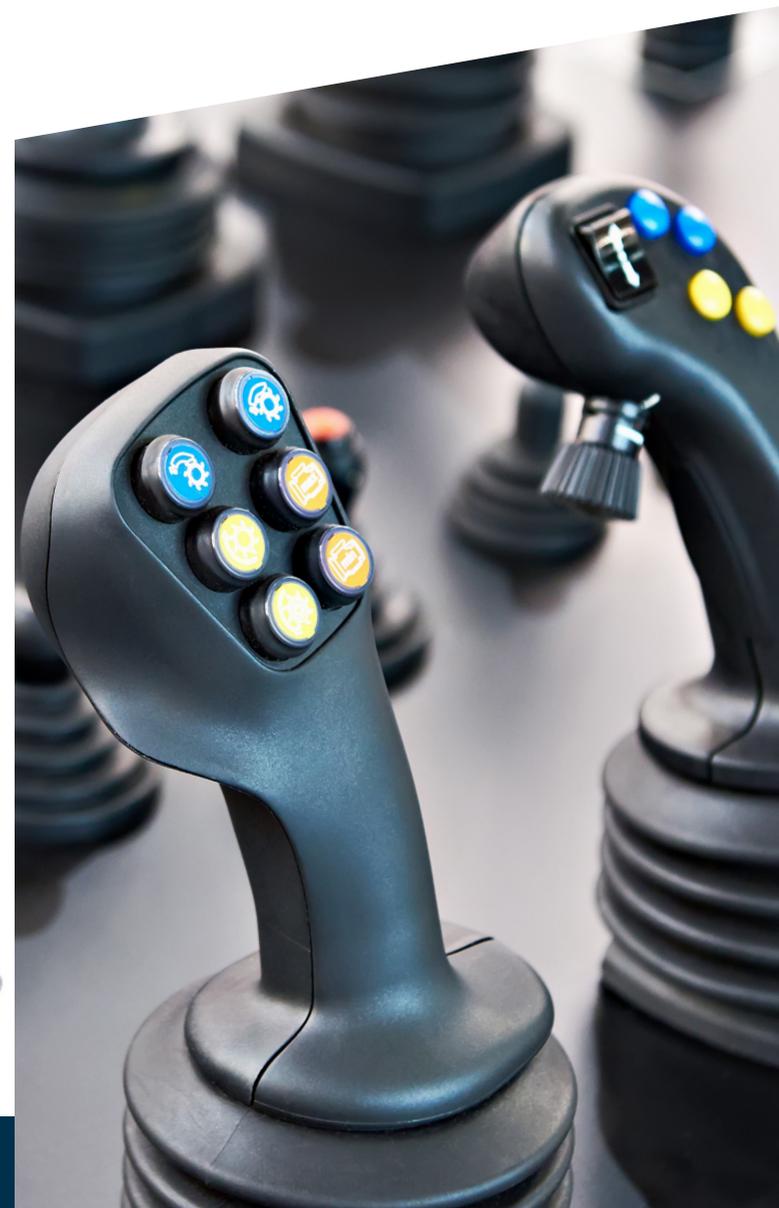
Technical Expertise

A medical customer needed a custom potentiometer to monitor piston position in a respirator machine. We provided a standard part with a custom shaft interface which produced highly accurate positioning for patient-critical monitoring.



CUSTOM POTENTIOMETERS

Simplified. Reliable. Customizable.



TT Electronics is a global provider of engineered electronics for performance critical applications.

Our team of design and application engineers provide unsurpassed technical and systems level expertise unique to your specific needs.

Our world-class operations facility combines automation with customized manual assembly proficiency to achieve optimal quality.



SIMPLIFIED.
RELIABLE.
CUSTOMIZABLE.



Mechanical Customizations

- Custom shaft
- Custom bushing and/or housing
- Mechanical angle
- Stroke length
- Detents
- Switch and/or terminal type
- Sealing
- Rotational torque



Electrical Customizations

- Electrical travel
- Electrical angle
- Custom output conformity
- Linearity
- Total resistance tolerance
- Center tap



Value-Add Customizations

- Custom wire harness
- Custom connector
- Mounting brackets for PCB

