

# Certifications

frederickscompany.com



## Company Overview

The Fredericks Company is an ISO 9001:2008 certified company founded in 1935. Our facility is located in Huntingdon Valley, Pennsylvania and we are a leading designer and manufacturer of tilt sensors and inclinometer assemblies. Because we design and manufacture both the core sensor and the completed inclinometer assembly at our facility, we maintain full control over the production process of our units. This ensures quality from unit to unit and eliminates any problems associated with parts obsolescence. Tilt sensors manufactured at our facility have performed reliably in the field for many years, testifying to the quality of our products and workmanship.

The long history of our company provides assurance that we will continue to support and manufacture our products in coming years; we also guarantee support of our products for as long as they are being used in our customers' products and the raw materials remain available. Our skilled engineering team has decades of combined experience and can provide in depth implementation recommendations upon request.

## The Fredericks Company

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## CE EMC Immunity

EN 61000-6-2:2005  
Immunity for  
Heavy Industrial Environments

EN61000-4-2  
Electrostatic Discharge Immunity

EN61000-4-3  
Radiated Immunity

EN61000-4-4  
Electrical Fast Transient Immunity

EN61000-4-8  
Magnetic Immunity

## CE EMC Emissions

EN 55011:2009/A:2010  
Group 1 Class A  
ISM Emission Requirement (EU)

## Environmental

Free fall  
Humidity  
Immersion and splash  
Salt fog  
Salt spray  
Shock  
Static load  
Thermal operational  
Thermal storage  
Thermal shock  
Water immunity  
Vibration