

# The Fredericks Company Tilt Measurement Solutions

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. All of our sensors are designed for industrial use in extreme temperatures and environments.



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| Part Number  | Range                           | Interface      | Axes |
|--------------|---------------------------------|----------------|------|
| 0729-1755-99 | Up to $\pm 60^\circ$            | Analog         | 2    |
| 0729-1759-99 | Up to $\pm 60^\circ$            | RS-232         | 2    |
| 0729-1760-99 | Up to $\pm 60^\circ$            | RS-485         | 2    |
| 0729-1761-99 | Up to $\pm 45^\circ$            | CAN J1939      | 2    |
| 0750-3002-99 | $\pm 30^\circ$                  | RS-485         | 2    |
| 0750-9002-99 | $\pm 90^\circ$                  | RS-485         | 2    |
| 0751-3002-99 | $\pm 30^\circ$                  | Analog         | 2    |
| 0751-9002-99 | $\pm 90^\circ$                  | Analog         | 2    |
| 0729-1736-99 | $\pm 1^\circ$ to $\pm 35^\circ$ | Relay & RS-232 | 2    |
| 0729-1757-99 | $\pm 1^\circ$ to $\pm 45^\circ$ | Open collector | 1    |
| 0729-1758-99 | $\pm 1^\circ$ to $\pm 45^\circ$ | Open collector | 1    |