



**FREDERICKS
COMPANY**

High Performance Sensing Solutions™



Tilt Sensors for RV Leveling Hydraulic Systems

0717-4313-99 Dual-Axis Electrolytic Tilt Sensor

- ±50° Operating Range
- ±20° Linear Range
- ±0.05° Repeatability
- Dual-Axis
- All-Metal Sealed
- Low Cost



0717-4319-99 Dual-Axis Electrolytic Tilt Sensor

- ±60° Operating Range
- ±50° Linear Range
- ±0.1° Repeatability
- Dual-Axis
- All-Metal Sealed
- Low Cost



ApexOne High Precision Digital Inclinometer Sensor

- ±60° Operating Range
- ±50° Linear Range
- ±0.1° Repeatability
- IP67 Environmental Protection
- Low Cost



Why Electrolytic Tilt Sensors?

Uneven ground can be problematic for RVs and other large vehicles when they're parked. To resolve this, leveling systems are used to quickly and accurately automatically level and stabilize an RV parked on uneven ground with the touch of a button.

Electrolytic tilt sensors are the most common sensor technology for RV leveling systems. There are four primary reasons for this:

1. Accuracy and repeatability
2. Long term stability and turn on bias
3. Temperature stability
4. Cost



Why Fredericks?

For more than 85 years, Fredericks has specialized in tilt sensors and inclinometers that set standards and promise precision, all designed and manufactured with pride in the USA.

We guarantee customer satisfaction and our "not too big, not too small" operation is what enables us to offer a true partnership that prioritizes uptime, lead time, and service.

