

Tilt Sensors

A Choice of Technology



Schaevitz® manufactures a comprehensive line of electronic clinometers and systems for the precise measurement of level, angle or tilt. The unique, patented designs feature a wide range of performance parameters, interface, options and price alternatives.

Typical Applications

- Wheel alignment**
- Land navigation and auto security**
- Construction equipment**
- Motor homes and RVs**
- Exercise equipment**
- Marine**
- Oil well pump control**
- Machine tools and heavy machinery**
- Manlifts and cranes**
- Farm and lawn equipment**
- Antenna positioning**

Electronic Clinometer

AccuStar®



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The AccuStar® electronic clinometer offers high performance, low cost, and versatile design capabilities.

- Resolution of 0.001° and a ±60° range
- Rugged, high impact package just 2" in diameter
- Easily integrated into a wide variety of applications
- Choice of analog, ratiometric, digital pulse width, or serial output

Electronic Protractor System

AngleStar®



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A two part system including a capacitance-based electronic sensor and an LCD readout.

- Angular position is displayed digitally with a resolution of 0.1° or 0.01°
- Sensor can be mounted up to 200 feet (60 meters) from the readout
- Three standard display models offer a choice of range and resolution

Dual Axis Electronic Clinometers

AccuStar® II/DAS 20



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This revolutionary angle measurement sensor combines the function of two clinometers in one package. AccuStar® II/DAS 20 provides output signals directly proportional to the relative tilt of two axes at right angles to each other.

- Pin selectable analog or digital output
- Comparably priced, but with capabilities far superior to mercury switches or other low cost level sensors

Digital Protractor

AngleStar® - Model DP 45



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Provides instant digital display of level, angle and tilt.

- Easy-to-use, hand held battery powered package
- Digital display eliminates the need to interpret a bubble or vernier scale
- Reads in degrees

AccuStar® II DAS 30



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The DAS-30 is a miniature dual axis sensor designed to meet the needs of OEM high volume designs for automotive, off-road vehicles and heavy equipment applications.

- ±30° operation in a unique PC board mountable design
- Proprietary dome shaped construction
- Operating temperature range of -40° to 85° C offers extended performance in rugged conditions

Alarm Triggering Clinometer

Tilt Car Alarm – New Dome Technology for Exterior and Automotive Applications

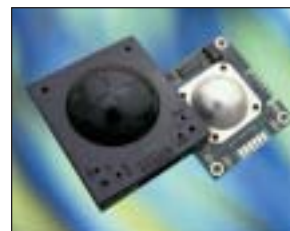


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The Tilt Car Alarm is a fully conditioned dual axis tilt sensor with the added feature of alarm triggering.

Dual Axis Tilt Switch

AccuSwitch™



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