

Single Axis Digital Tilt Sensor

This is a digital output, low-cost, single axis inclinometer. The sensor is suitable for attitude measurement in photovoltaic power (PV), PTZ control, and tower turbine monitoring.

MSK227S Modbus Dual-axis Inclinometer

- Accuracy: 0.2 °
- Resolution: 0.02 °
- Measuring axis: X-Y
- Measuring range: ±90 °
- Power supply DC: 9-35V
- Operating temperature: -40°C/+85°C



Product Overview

Professional Tilt Sensing

This digital inclinometer is designed for precision attitude measurement in demanding industrial environments. Engineered for reliability, it features low temperature drift and high resistance to external disturbances, making it ideal for solar tracking, tower turbine monitoring, and PTZ control applications. Its robust interface ensures seamless integration into modern industrial control systems.

Performance Metrics

Measuring Range

90 °

Range

Accuracy	0.2 °
Resolution	0.02 °

Electrical Specifications

Power Supply Range	9-35V DC
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Environmental Specifications

Operating Temperature	-40°C to +85°C
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Key Features

Main Advantages	Low Temperature Drift, Modbus Interface, High Interference Resistance, Industrial Grade
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Applications

Industry Applications

- Photovoltaic Power (PV)
- PTZ Control Systems
- Tower Turbine Monitoring