

Single Axis Tilt Switch

This is a cost-effective single axis tilt switch designed for various applications. It is suitable for high voltage wire tower pole monitoring, cloud platform leveling, and hydraulic elevators.

LIS341 Dual-Axis Tilt Switch

- Accuracy: 0.1 °
- Resolution: 0.01 °
- Voltage input: 9~35V
- Size: 90°40.5°26mm
- Shock Resistance: > 2000g
- Operating Temperature: -40°C ~+85°C
- Protection level : IP67



Product Overview

High-Precision Single Axis Tilt Switch

This highly cost-effective single axis tilt switch is engineered for superior consistency and stability in demanding environments. It provides reliable performance for critical applications such as high-voltage wire tower monitoring, cloud platform leveling, and industrial hydraulic elevation systems. With a robust design and high precision, it ensures operational safety and control.

Technical Specifications

Measuring Axis	X axis
Accuracy	0.1 °
Measuring Range	±90°
Zero Temperature Drift	±0.01°/

Electrical & Environmental

Protection Level	IP67
Power Supply	9-35VDC
Output Mode	Voltage
Shock Resistance	2000 g

Operating Conditions

Operating Temperature	-40 ~ +85
Storage Temperature	-55 ~ +100

Applications

Ideal For

- High voltage wire tower pole monitoring
- Cloud platform leveling
- High altitude operation machines
- Hydraulic elevators