

MEMS TILTMETER

Model GV-2401

Description

It is designed to be installed in either the vertical or horizontal position by either bonding, bolting or strong magnetic fixing directly to a structure or mounting plate.

The tilt sensors, based on well-established MEMS technology, are mounted within a rugged, heavy-duty waterproof die-cast metal enclosure suitable for the harsh environments found within construction and building industries.

Application

Monitoring Structure Movements such as ;

- Retaining walls
- Diaphragm walls
- Concrete dams
- Structures
- Bridge piers
- Tunnels
- Slopes
- Piles



Specification

Items	GV-2401
Range	±10 Deg
Accuracy	Typical ±0.05% Maximum ±0.1%
Output	F.S. 0.5~4.5Vdc
Power Supply	DC 9~12Vdc
Non-Linearity	< F.S. 0.1%
Sensor Type	MEMS (Micro–Electro–Mechanical Systems)
Response Time	< 0.3 second
Housing	IP67 waterproof grade
Operating Temperature	-20°C ~ +80°C