

## T70-K: TILT SWITCH DUAL AXIS 4-WAY 4 CHANNEL OUTPUT TYPE SENSOR



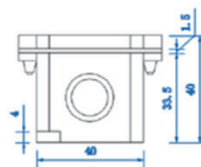
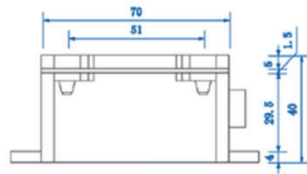
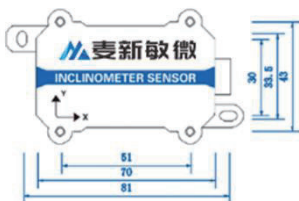
### ■ PRODUCT DESCRIPTION

T70-J is a domestically developed dual axis 4-way 4-way tilt angle switch for component tilt angle measurement module by Micro-Magic Inc. It adopts RTU Modbus protocol and has internal core components, including MCU processor, MEMS tilt unit, power circuit, output circuit, and other domestically produced components. To manufacture domestically produced equipment and overcome barriers to independent research and development technology.

### ■ PRODUCT MAIN SPECIFICATION

Parameter	Conditions	T70-K	Unit
Measuring range		±90	°
Measuring axis		X, Y axis	
Alarm axis		X, Y axis	
Frequency response	DC response	100	Hz
Accuracy	-40 ~ 85°C	0.2	°
Long term stability	-40 ~ 85°C	<0.3	°
Power-on start time		0.5	s
Output signal	Switching (voltage) output, RS232 and TTL optional, RS485 customizable Relay (normally open and normally closed) output, RS232 and TTL optional, RS485 customizable		
Average working hours		≥35000 hours/time	
Impact resistance		2450g, 0.5ms, 3 times/axis	
Anti-vibration		10grms、10 ~ 1000Hz	
Insulation resistance		≥100MΩ	
Waterproof level		IP67	
Cable		Standard 1.5 meter-length, wear-resistant, oil-proof, wide temperature, shielded cable 8*0.3mm <sup>2</sup>	
Weight		110g (excluding packaging box)	

### ■ PRODUCT DIMENSION



SIZE: L70\*W40\*H40MM

### ■ PRODUCT APPLICATION

- High-voltage power line tower monitoring
- Aerial work vehicles
- Pan/tilt leveling
- Charging piles and towers
- Forklifts, engineering dump trucks
- Mining machinery, oil drilling equipment
- Charging piles and towers
- Vehicle overload monitoring
- Medical equipment
- Angle control of various construction machinery