

WIRELESS INCLINOMETER



Features

- Solar-cell power generation
- Wireless digital communication
- Magnetic attachment installation method
- Horizontal output 4v,30m v/°RS232

Benefits

- Fully wireless; easy installation
- Eliminates wiring that poses a safety hazard
- Proven to withstand harsh environments

Features Description

- Solar Powered**
 The transmitting module uses solar grids to generate power, which is stored in a lithium battery, allowing the wireless inclinometer to be fully solar powered.
- Wireless Digital Communication**
 The wireless inclinometer employs 2.4GHz wireless digital communication technology to produce a real-time wireless angle displacement signal transmission.
- Magnetic Attachment Installation Method**
 The wireless inclinometer, with a built in magnet, is attached on the top of the walking beam, which enables easy and safe installation and removal.
- Standard Output**
 The receiving module output is a standard 4~20mA signal, while providing real-time angle displacement signal through a standard RS232 signal. The standard analog output enables convenient replacement of traditional inclinometers.



Technical Data		
ITEM	TECHNICAL PARAMETERS	UNIT
Analog output	2.65~5.35	V
Output sensitivity	Horizontal output 4v, 30m v/°	/
Communications connections	RS232	/
Receiving module power supply	9~36	VDC
Range	-45~45	degree
Precision	±0.5	degree
Linearity	0.5	%F·S
Communication distance	10	m
Communication frequency	2.4	GHz
Transmitting power	0	dBm
Insulation resistance	≥2000	MΩ
Operating temperature	-20~+60	°C
Storage temperature	-20~+60	°C
IP grade	IP67	/

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