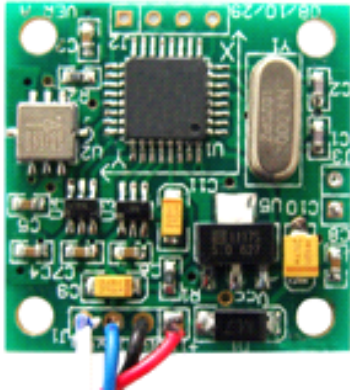


## PEI220BN—V1 two axis inclinometer



### General description

PEI220BN—V1 two axis inclinometer

0.5-4.5V analog voltage output, the measuring range is +/-20 degree.

### Features

- Small size, light weight,
- Easy to intergrate
- Entirely industrial device
- Stable and credible performance
- Anti-shock, anti-vibration
- Cost-effective

### Applications

- Angle measuring, level adjust, zero adjust
- Sercuity control, monitoring, alarm
- Machine arm, dam, construction bridge angle measuring
- Aim control, bending control
- Original position control, tilt gesture recorder

### Technical Datas:

Item	Parameter	Unit	Remark
Measuring range	-20 ~ +20	degree	
Accuracy	0.5(±20°)	degree	Testing temperature 25±4 °C
Sensitivity	100	mv/degree	Testing temperature 25±4 °C
Voltage output accuracy <sup>(1)</sup>	< 50 (±20° )	mv	Testing temperature 25±4 °C
Operating voltage <sup>(2)</sup>	+7~+13 V	V (DC)	Stability ±0.1V
Static operating current	< 30	mA	
Output voltage range	0.5-4.5	V	
Resolution	0.1	Degree	

Note 1: voltage output accuracy means Root Mean Square Value of measured error for several times (≥10 tims) during measuring range.Measured error means the difference between measured

